PUSH-PULL
Connectors

PRODUCT
CATALOG
2019-2020

Cylerconnect

THE FUTURE OF PUSH-PULL
Connector

Reliability, cost-effective, innovative and high performance products, offer a unique combination of benefits, and close to customer to offer unequaled services.

Table of Contents

Cyler Connectivity Limited is a China based company, we are specialized in design and manufacturing of the Push-Pull connectors, and also provide turnkey solutions for cable assembly.

As a leading manufacturer of Push-Pull connectors in china, Cyler is committed to provide high quality products with low cost. There are several key differences between Tt our sales department and the other companies. We work closely with our partners to continuously improve our products, and continuously to improve supply chain management and logistics control by ensuring export departure of shipments as per schedule to meet customers' requirement.

To make high quality products, we have equipped with all necessary advanced equipments and devices in our CNC processing center and cable assembly lines, testing & aging rooms and packing facilities. Today, Cyler provides our clients with complete connection solutions which includes connectors, probe parts and cable assembly services.

Cyler Connectivity Limited is the best one to provide the connectors that best suits your application, the best partner for your business in China. Our expert team will find the right solution for the development of your project and business.

Thank you for considering Cyler Connectivity as your connector supplier. We take pride in offering you the best possible prices on connector products, short lead time, and the highest standards in customer service. We are committed to do all that is necessary in order to keep you a satisfied and returning customer! As a valued customer, you can confidently place your order with the knowledge that it will be delivered on time and complete.

All our products are permanentely enhanced for our customers. Therefore this catalog is subject to change and error. Updated information on CYLER products, developments, research projects and trade fairs canalso be found on the website: www.cylertech.com

Indication:

Unless prior agreement, the general conditions of sale and delivery applying will be those of the concerned Cyler Connectivity Limited.

For more than 10 years, Cyler has designed, manufactured, and distributed high performance push-pull connector and cable assembly solutions. Known for their quality, ruggedness and cost effective, our products prove to be reliable in the most demanding environments. For a wide range of applications and environments the family of Cyler's push-pull connectors are the ideal match for the third party connector. The line up is optimized to provide the best performance fit and value for money. Cyler provides complete, high quality turnkey solutions – connectors, cable assemblies and overmolding – all from one supplier.

For several reasons, only the most popular B.S.K.F.P connector series and the appropriate connectors are mentioned in this catalogue. Connectors series such as C series etc. belong to the extended product range.

The selection within these series however is rather limited. For more information, please contact our sales department.

Technical Characteristics

Most metallic components in general are manufactured in brass, and plastic housing are manufactured in PSU/PC. However, bronze or beryllium copper are used where good elasticity is required. Depending upon the application, these parts have electrolytic nickel or nickel-gold plating. These parts can also be manufactured in stainless steel.

	B series	S series	K series	F series	P series
Shell Materials	brass	brass	brass	brass	plastic
Insulator Materials	PPS/PEEK	PPS/PEEK	PPS/PEEK	PPS/PEEK	PPS/PEEK
Shelding	> 75 dB(10MHz)	> 75 dB(10MHz)	>95 dB(10MHz)	>95 dB(10MHz)	-
Current Rating	Up to 30A	Up to 30A	Up to 30A	Up to 30A	Up to 30A
Temperature Range	-40°C /+200°C	-40°C /+200°C	-40°C /+200°C	-40°C /+200°C	-40°C /+200°C
Endurance	>5000 cycles	>5000 cycles	>5000 cycles	>5000 cycles	>3000 cycles
Protection Index	IP50	IP50	IP68	IP68	IP50 IP64

Cyler offers a Push-Pull connector product line for almost any application, from medical equipment to test and measurement instrumentation. We focus on delivering on time, on cost and on experience connectivity solutions that stand up to the toughest conditions, so you know you can rely on our service and on uncompromising quality in all environments.

## Where and Why Push-Pull Connector

- Industrial and Automation
- Medical electronics
- Telecommunication
- Test and Measurement
- Quality aesthetics for more value added on the equipment
- Extremely fast and easy to play
- Space saving
- A thousand mating/unmating cycles

Key features & benefits

- Security of the push-pull self-latching system
- Easy blind mating in difficult-to-reach places
- High contact density in a small space
- Multicontact types 1 to 40 positions
- Keying system for connector alignment
- Compatible with the third party connectors
- Cost-effective solutions
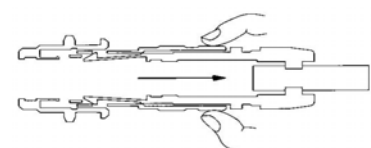
Push-Pull Locking System

The locking of the plug into the receptacle is achieved by a simple axial push on the outer shell.
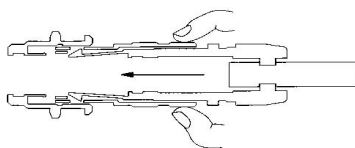
The locking of the plug into the receptacle is achieved by a simple axial push on the outer shell.
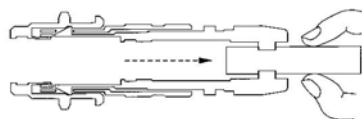
The locking of the plug into the receptacle is achieved by a simple axial push on the outer shell.

Model Number Legend (Plug)

Use this model number legend to identify products from their model number. When ordering, use a model number from the table in Ordering Information.

B102-0B07-CM00-052S

Back nut style / back nut clor for plastic plug

Cable collet / cable fixing (page 66)

Front nut color/style (page 78)

Keying code (page 68, 78)

Material - Insulator

Gender of pole

Material/Surface - Housing

Number of pole (page 55)

Size (see the drawing table)

Model style (product pages)

Series

Material/Surface - Housing
C = chromed plated
k = black chromed

Series
B K S F P

Material - Insulator
0 = PPS
E = PEEK

Gender of Contact
M = male contact
F = female contact

Back Nut Style
0 = standard back nut
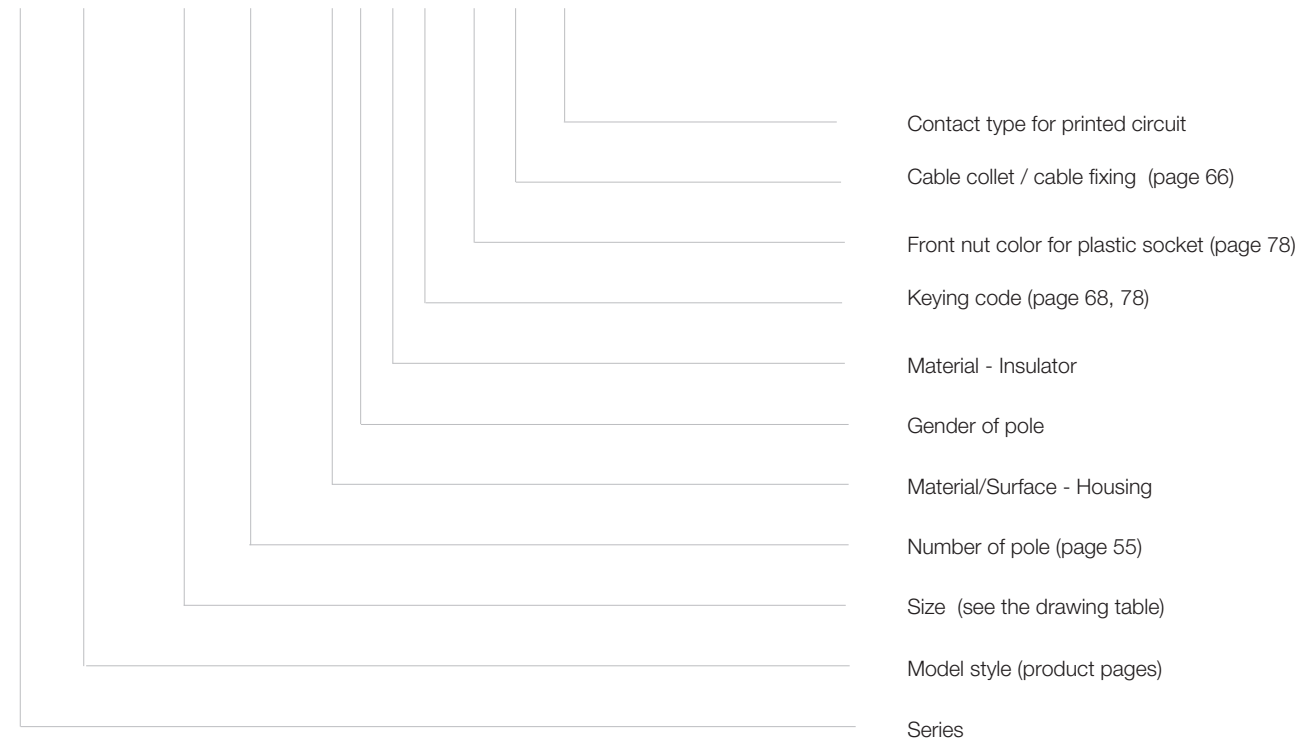*S = back nut for fixing a bend relief*

Examples:

B102-0B07-CM00-052S

Straight plug with 1 key (alpha=0) and rear nut for fiting a bend relief, 0B series, multicontact type with 7 contacts, outer shell in chrome-plated brass, PPS insulator, male solder contacts, cable collet for 5.0 mm diameter cable.

Model Number Legend (Socket)

Use this model number legend to identify products from their model number. When ordering, use a model number from the table in Ordering Information.

B401-0B07-CF00-0000

Contact type for printed circuit

Cable collet / cable fixing (page 66)

Front nut color for plastic socket (page 78)

Keying code (page 68, 78)

Material - Insulator

Gender of pole

Material/Surface - Housing

Number of pole (page 55)

Size (see the drawing table)

Model style (product pages)

Series

Material/Surface - Housing

C = chromed plated
k = black chromed

Series

B K S F P

Material - Insulator

0 = PPS
E = PEEK

Gender of Contact

M = male contact
F = female contact

Back Nut Style

0 = standard back nut
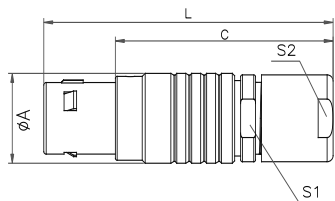*S = back nut for fixing a bend relief*

Examples:

B401-0B07-CF00-0000

Fixed socket with 1 key (alpha=0), 0B series, multicontact type with 7 contacts, outer shell in chrome-plated brass, PPS insulator, female solder contacts.

B SERIES CONNECTORS

Model - b101 | b series

Straight plug with standard back nut

Reference		Dimensions (mm)					Availability	
Model	Size	A	L	C	S1	S2		
B101	00	6.4	28.0	20.5	5.5	5.0	●	
B101	0B	9.5	36.0	26.0	8.0	7.0	●	
B101	1B	12.0	43.0	32.0	10.0	9.0	●	
B101	2B	15.0	50.0	38.0	13.0	12.0	●	
B101	3B	18.0	58.0	43.0	15.0	14.0	●	
B101	4B	25.0	75.0	57.0	21.0	20.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C_

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	B101	00	Alpha=0	2	Male	1.5-2.0 mm	B101-0002-CM00-0220
				2	Male	2.0-2.5 mm	B101-0002-CM00-0250
				2	Male	2.5-3.0 mm	B101-0002-CM00-0320
				3	Male	1.5-2.0 mm	B101-0003-CM00-0220
				3	Male	2.0-2.5 mm	B101-0003-CM00-0250
				3	Male	2.5-3.0 mm	B101-0003-CM00-0320
				4	Male	1.5-2.0 mm	B101-0004-CM00-0220
				4	Male	2.0-2.5 mm	B101-0004-CM00-0250
				4	Male	2.5-3.0 mm	B101-0004-CM00-0320
Straight plug	B101	0B	Alpha=0	2	Male	2.0-3.0 mm	B101-0B02-CM00-0320
				2	Male	3.0-4.0 mm	B101-0B02-CM00-0420
				2	Male	4.0-5.0 mm	B101-0B02-CM00-0520
				3	Male	2.0-3.0 mm	B101-0B03-CM00-0320
				3	Male	3.0-4.0 mm	B101-0B03-CM00-0420
				3	Male	4.0-5.0 mm	B101-0B03-CM00-0520
				4	Male	2.0-3.0 mm	B101-0B04-CM00-0320
				4	Male	3.0-4.0 mm	B101-0B04-CM00-0420
				4	Male	4.0-5.0 mm	B101-0B04-CM00-0520
				5	Male	2.0-3.0 mm	B101-0B05-CM00-0320
				5	Male	3.0-4.0 mm	B101-0B05-CM00-0420
				5	Male	4.0-5.0 mm	B101-0B05-CM00-0520
				6	Male	2.0-3.0 mm	B101-0B06-CM00-0320
				6	Male	3.0-4.0 mm	B101-0B06-CM00-0420
				6	Male	4.0-5.0 mm	B101-0B06-CM00-0520
				7	Male	2.0-3.0 mm	B101-0B07-CM00-0320
				7	Male	3.0-4.0 mm	B101-0B07-CM00-0420
				7	Male	4.0-5.0 mm	B101-0B07-CM00-0520
				9	Male	2.0-3.0 mm	B101-0B09-CM00-0320
				9	Male	3.0-4.0 mm	B101-0B09-CM00-0420
				9	Male	4.0-5.0 mm	B101-0B09-CM00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - b102 | b series

Straight plug with back nut for fitting a bend relief
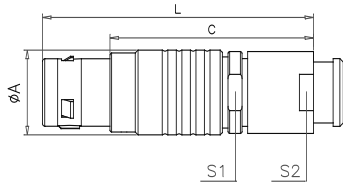
Reference		Dimensions (mm)					Availability	
Model	Size	A	L	C	S1	S2		
B102	00	6.4	28.0	20.5	5.5	5.0	●	
B102	0B	9.5	36.0	26.0	8.0	7.0	●	
B102	1B	12.0	43.0	32.0	10.0	9.0	●	
B102	2B	15.0	50.0	38.0	13.0	12.0	●	
B102	3B	18.0	58.0	43.0	15.0	14.0	●	
B102	4B	25.0	75.0	57.0	21.0	20.0	○	

Materials
Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range
-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	B102	00	Alpha=0	2	Male	1.5-2.0 mm	B102-0002-CM00-022S
				2	Male	2.0-2.5 mm	B102-0002-CM00-025S
				2	Male	2.5-3.0 mm	B102-0002-CM00-032S
				3	Male	1.5-2.0 mm	B102-0003-CM00-022S
				3	Male	2.0-2.5 mm	B102-0003-CM00-025S
				3	Male	2.5-3.0 mm	B102-0003-CM00-032S
				4	Male	1.5-2.0 mm	B102-0004-CM00-022S
				4	Male	2.0-2.5 mm	B102-0004-CM00-025S
				4	Male	2.5-3.0 mm	B102-0004-CM00-032S
Straight plug	B102	0B	Alpha=0	2	Male	2.0-3.0 mm	B102-0B02-CM00-032S
				2	Male	3.0-4.0 mm	B102-0B02-CM00-042S
				2	Male	4.0-5.0 mm	B102-0B02-CM00-052S
				3	Male	2.0-3.0 mm	B102-0B03-CM00-032S
				3	Male	3.0-4.0 mm	B102-0B03-CM00-042S
				3	Male	4.0-5.0 mm	B102-0B03-CM00-052S
				4	Male	2.0-3.0 mm	B102-0B04-CM00-032S
				4	Male	3.0-4.0 mm	B102-0B04-CM00-042S
				4	Male	4.0-5.0 mm	B102-0B04-CM00-052S
				5	Male	2.0-3.0 mm	B102-0B05-CM00-032S
				5	Male	3.0-4.0 mm	B102-0B05-CM00-042S
				5	Male	4.0-5.0 mm	B102-0B05-CM00-052S
				6	Male	2.0-3.0 mm	B102-0B06-CM00-032S
				6	Male	3.0-4.0 mm	B102-0B06-CM00-042S
				6	Male	4.0-5.0 mm	B102-0B06-CM00-052S
				7	Male	2.0-3.0 mm	B102-0B07-CM00-032S
				7	Male	3.0-4.0 mm	B102-0B07-CM00-042S
				7	Male	4.0-5.0 mm	B102-0B07-CM00-052S
				9	Male	2.0-3.0 mm	B102-0B09-CM00-032S
				9	Male	3.0-4.0 mm	B102-0B09-CM00-042S
				9	Male	4.0-5.0 mm	B102-0B09-CM00-052S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.
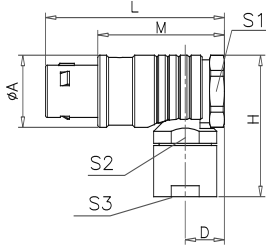
● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b105 | b series

Elbow (90°) plug with standard back nut

Reference		Dimensions (mm)								Availability	
Model	Size	A	D	H	L	M	S1	S2	S3		
B105	00	7.7	5.2	18.0	24.5	16.5	7.0	5.0	5.5	O	
B105	0B	11.0	6.5	23.0	30.0	20.0	9.0	7.0	8.0	●	
B105	1B	13.5	8.0	28.0	36.0	25.0	11.0	9.0	10.0	●	
B105	2B	16.5	9.0	34.0	41.5	29.5	14.0	12.0	13.0	●	
B105	3B	19.0	10.0	37.0	50.0	35.0	17.0	14.0	15.0	O	
B105	4B	26.0	15.0	52.0	67.0	49.0	22.0	20.0	21.0	O	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

b series

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Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Elbow (90°) plug	B105	00	Alpha=0	2	Male	1.5-2.0 mm	B105-0002-CM00-0220
					Male	2.0-2.5 mm	B105-0002-CM00-0250
					Male	2.5-3.0 mm	B105-0002-CM00-0320
				3	Male	1.5-2.0 mm	B105-0003-CM00-0220
					Male	2.0-2.5 mm	B105-0003-CM00-0250
					Male	2.5-3.0 mm	B105-0003-CM00-0320
				4	Male	1.5-2.0 mm	B105-0004-CM00-0220
					Male	2.0-2.5 mm	B105-0004-CM00-0250
					Male	2.5-3.0 mm	B105-0004-CM00-0320
Elbow (90°) plug	B105	0B	Alpha=0	2	Male	2.0-3.0 mm	B105-0B02-CM00-0320
					Male	3.0-4.0 mm	B105-0B02-CM00-0420
					Male	4.0-5.0 mm	B105-0B02-CM00-0520
				3	Male	2.0-3.0 mm	B105-0B03-CM00-0320
					Male	3.0-4.0 mm	B105-0B03-CM00-0420
					Male	4.0-5.0 mm	B105-0B03-CM00-0520
				4	Male	2.0-3.0 mm	B105-0B04-CM00-0320
					Male	3.0-4.0 mm	B105-0B04-CM00-0420
					Male	4.0-5.0 mm	B105-0B04-CM00-0520
				5	Male	2.0-3.0 mm	B105-0B05-CM00-0320
					Male	3.0-4.0 mm	B105-0B05-CM00-0420
					Male	4.0-5.0 mm	B105-0B05-CM00-0520
				6	Male	2.0-3.0 mm	B105-0B06-CM00-0320
					Male	3.0-4.0 mm	B105-0B06-CM00-0420
					Male	4.0-5.0 mm	B105-0B06-CM00-0520
				7	Male	2.0-3.0 mm	B105-0B07-CM00-0320
					Male	3.0-4.0 mm	B105-0B07-CM00-0420
					Male	4.0-5.0 mm	B105-0B07-CM00-0520
				9	Male	2.0-3.0 mm	B105-0B09-CM00-0320
					Male	3.0-4.0 mm	B105-0B09-CM00-0420
					Male	4.0-5.0 mm	B105-0B09-CM00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
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● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
O Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - b106 | b series

Elbow (90°) plug with back nut for fiting a bend relief
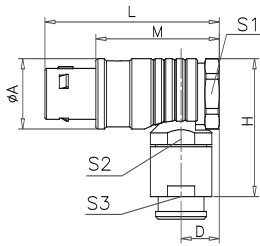
Reference		Dimensions (mm)								Availability	
Model	Size	A	D	H	L	M	S1	S2	S3		
B106	00	7.7	5.2	18.0	24.5	16.5	7.0	5.0	5.5	○	
B106	0B	11.0	6.5	23.0	30.0	20.0	9.0	7.0	8.0	●	
B106	1B	13.5	8.0	28.0	36.0	25.0	11.0	9.0	10.0	●	
B106	2B	16.5	9.0	34.0	41.5	29.5	14.0	12.0	13.0	●	
B106	3B	19.0	10.0	37.0	50.0	35.0	17.0	14.0	15.0	○	
B106	4B	26.0	15.0	52.0	67.0	49.0	22.0	20.0	21.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Elbow (90°) plug	B106	00	Alpha=0	2	Male	1.5-2.0 mm	B106-0002-CM00-022S
					Male	2.0-2.5 mm	B106-0002-CM00-025S
					Male	2.5-3.0 mm	B106-0002-CM00-032S
				3	Male	1.5-2.0 mm	B106-0003-CM00-022S
					Male	2.0-2.5 mm	B106-0003-CM00-025S
					Male	2.5-3.0 mm	B106-0003-CM00-032S
				4	Male	1.5-2.0 mm	B106-0004-CM00-022S
					Male	2.0-2.5 mm	B106-0004-CM00-025S
					Male	2.5-3.0 mm	B106-0004-CM00-032S
Elbow (90°) plug	B106	0B	Alpha=0	2	Male	2.0-3.0 mm	B106-0B02-CM00-032S
					Male	3.0-4.0 mm	B106-0B02-CM00-042S
					Male	4.0-5.0 mm	B106-0B02-CM00-052S
				3	Male	2.0-3.0 mm	B106-0B03-CM00-032S
					Male	3.0-4.0 mm	B106-0B03-CM00-042S
					Male	4.0-5.0 mm	B106-0B03-CM00-052S
				4	Male	2.0-3.0 mm	B106-0B04-CM00-032S
					Male	3.0-4.0 mm	B106-0B04-CM00-042S
					Male	4.0-5.0 mm	B106-0B04-CM00-052S
				5	Male	2.0-3.0 mm	B106-0B05-CM00-032S
					Male	3.0-4.0 mm	B106-0B05-CM00-042S
					Male	4.0-5.0 mm	B106-0B05-CM00-052S
				6	Male	2.0-3.0 mm	B106-0B06-CM00-032S
					Male	3.0-4.0 mm	B106-0B06-CM00-042S
					Male	4.0-5.0 mm	B106-0B06-CM00-052S
				7	Male	2.0-3.0 mm	B106-0B07-CM00-032S
					Male	3.0-4.0 mm	B106-0B07-CM00-042S
					Male	4.0-5.0 mm	B106-0B07-CM00-052S
				9	Male	2.0-3.0 mm	B106-0B09-CM00-032S
					Male	3.0-4.0 mm	B106-0B09-CM00-042S
					Male	4.0-5.0 mm	B106-0B09-CM00-052S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b108 | b series

Straight plug with lanyard, standard back nut

Reference		Dimensions (mm)							Availability	
Model	Size	A	B	L	C	N	S1	S2		
B108	0B	9.2	15.8	34.0	24.0	140	8.0	7.0	○	
B108	1B	12.0	18.0	41.0	30.0	150	10.0	9.0	●	
B108	2B	15.0	21.0	49.0	36.0	160	13.0	12.0	●	
B108	3B	18.0	25.0	58.0	43.0	190	15.0	14.0	○	
B108	4B	25.0	35.0	75.0	57.0	230	21.0	20.0	○	
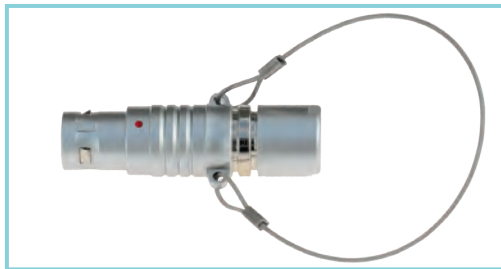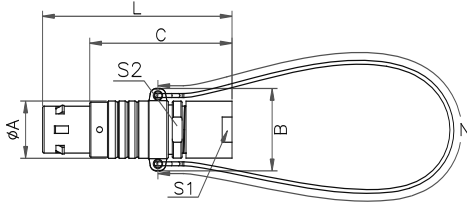
Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

## Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	B108	0B	Alpha=0	2	Male	2.0-3.0 mm	B108-0B02-CM00-0320
				2	Male	3.0-4.0 mm	B108-0B02-CM00-0420
				2	Male	4.0-5.0 mm	B108-0B02-CM00-0520
				3	Male	2.0-3.0 mm	B108-0B03-CM00-0320
				3	Male	3.0-4.0 mm	B108-0B03-CM00-0420
				3	Male	4.0-5.0 mm	B108-0B03-CM00-0520
				4	Male	2.0-3.0 mm	B108-0B04-CM00-0320
				4	Male	3.0-4.0 mm	B108-0B04-CM00-0420
				4	Male	4.0-5.0 mm	B108-0B04-CM00-0520
				5	Male	2.0-3.0 mm	B108-0B05-CM00-0320
				5	Male	3.0-4.0 mm	B108-0B05-CM00-0420
				5	Male	4.0-5.0 mm	B108-0B05-CM00-0520
				6	Male	2.0-3.0 mm	B108-0B06-CM00-0320
				6	Male	3.0-4.0 mm	B108-0B06-CM00-0420
				6	Male	4.0-5.0 mm	B108-0B06-CM00-0520
				7	Male	2.0-3.0 mm	B108-0B07-CM00-0320
				7	Male	3.0-4.0 mm	B108-0B07-CM00-0420
				7	Male	4.0-5.0 mm	B108-0B07-CM00-0520
				9	Male	2.0-3.0 mm	B108-0B09-CM00-0320
				9	Male	3.0-4.0 mm	B108-0B09-CM00-0420
				9	Male	4.0-5.0 mm	B108-0B09-CM00-0520
Straight plug	B108	1B	Alpha=0	2	Male	4.0-5.0 mm	B108-1B02-CM00-0520
				3	Male	4.0-5.0 mm	B108-1B03-CM00-0520
				4	Male	4.0-5.0 mm	B108-1B04-CM00-0520
				5	Male	4.0-5.0 mm	B108-1B05-CM00-0520
				6	Male	4.0-5.0 mm	B108-1B06-CM00-0520
				7	Male	4.0-5.0 mm	B108-1B07-CM00-0520
				8	Male	4.0-5.0 mm	B108-1B08-CM00-0520
				10	Male	4.0-5.0 mm	B108-1B10-CM00-0520
				14	Male	4.0-5.0 mm	B108-1B14-CM00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b109 | b series

Straight plug with lanyard, back nut for fiting a bend relief
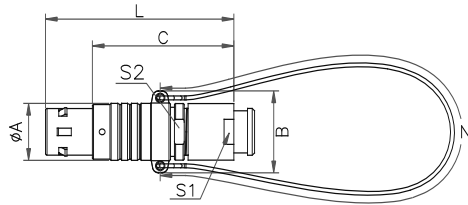
Reference		Dimensions (mm)							Availability	
Model	Size	A	B	L	C	N	S1	S2		
B109	0B	9.2	15.8	34.0	24.0	140	8.0	7.0	O	
B109	1B	12.0	18.0	41.0	30.0	150	10.0	9.0	●	
B109	2B	15.0	21.0	49.0	36.0	160	13.0	12.0	●	
B109	3B	18.0	25.0	58.0	43.0	190	15.0	14.0	O	
B109	4B	25.0	35.0	75.0	57.0	230	21.0	20.0	O	
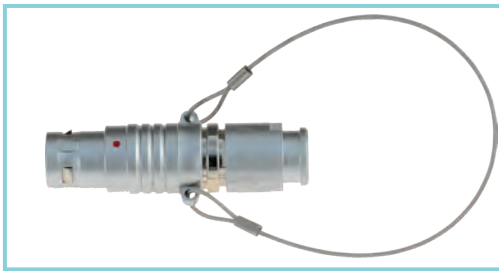
Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	B109	0B	Alpha=0	2	Male	2.0-3.0 mm	B109-0B02-CM00-032S
				2	Male	3.0-4.0 mm	B109-0B02-CM00-042S
				2	Male	4.0-5.0 mm	B109-0B02-CM00-052S
				3	Male	2.0-3.0 mm	B109-0B03-CM00-032S
				3	Male	3.0-4.0 mm	B109-0B03-CM00-042S
				3	Male	4.0-5.0 mm	B109-0B03-CM00-052S
				4	Male	2.0-3.0 mm	B109-0B04-CM00-032S
				4	Male	3.0-4.0 mm	B109-0B04-CM00-042S
				4	Male	4.0-5.0 mm	B109-0B04-CM00-052S
				5	Male	2.0-3.0 mm	B109-0B05-CM00-032S
				5	Male	3.0-4.0 mm	B109-0B05-CM00-042S
				5	Male	4.0-5.0 mm	B109-0B05-CM00-052S
				6	Male	2.0-3.0 mm	B109-0B06-CM00-032S
				6	Male	3.0-4.0 mm	B109-0B06-CM00-042S
				6	Male	4.0-5.0 mm	B109-0B06-CM00-052S
				7	Male	2.0-3.0 mm	B109-0B07-CM00-032S
				7	Male	3.0-4.0 mm	B109-0B07-CM00-042S
				7	Male	4.0-5.0 mm	B109-0B07-CM00-052S
				9	Male	2.0-3.0 mm	B109-0B09-CM00-032S
				9	Male	3.0-4.0 mm	B109-0B09-CM00-042S
				9	Male	4.0-5.0 mm	B109-0B09-CM00-052S
Straight plug	B109	1B	Alpha=0	2	Male	4.0-5.0 mm	B109-1B02-CM00-052S
				3	Male	4.0-5.0 mm	B109-1B03-CM00-052S
				4	Male	4.0-5.0 mm	B109-1B04-CM00-052S
				5	Male	4.0-5.0 mm	B109-1B05-CM00-052S
				6	Male	4.0-5.0 mm	B109-1B06-CM00-052S
				7	Male	4.0-5.0 mm	B109-1B07-CM00-052S
				8	Male	4.0-5.0 mm	B109-1B08-CM00-052S
				10	Male	4.0-5.0 mm	B109-1B10-CM00-052S
				14	Male	4.0-5.0 mm	B109-1B14-CM00-052S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
O Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b121 | b series

Fixed plug (back panel mounting)
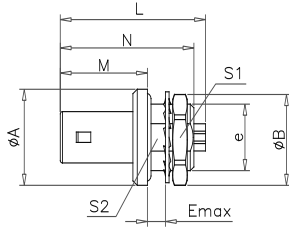
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	N	S1	S2	e	
B121	00	8.0	10.3	2.4	18.1	9.0	15.2	6.3	9.0	M7x0.5	○
B121	0B	10.0	12.5	3.3	20.8	11.2	18.4	8.2	11.0	M9x0.6	●
B121	1B	14.0	16.0	6.5	25.2	12.5	22.6	10.5	14.0	M12X1.0	●
B121	2B	18.0	19.5	6.8	28.7	13.8	25.4	15.3	17.0	M15x1.0	○
B121	3B	22.0	25.2	7.6	32.1	17.0	29.1	16.5	22.0	M18X1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed plug	B121	00	Alpha=0	2	Male	0.0-0.0 mm	B121-0002-CM00-0000
				3	Male	0.0-0.0 mm	B121-0003-CM00-0000
				4	Male	0.0-0.0 mm	B121-0004-CM00-0000
Fixed plug	B121	0B	Alpha=0	2	Male	0.0-0.0 mm	B121-0B02-CM00-0000
				3	Male	0.0-0.0 mm	B121-0B03-CM00-0000
				4	Male	0.0-0.0 mm	B121-0B04-CM00-0000
				5	Male	0.0-0.0 mm	B121-0B05-CM00-0000
				6	Male	0.0-0.0 mm	B121-0B06-CM00-0000
				7	Male	0.0-0.0 mm	B121-0B07-CM00-0000
				9	Male	0.0-0.0 mm	B121-0B09-CM00-0000
Fixed plug	B121	1B	Alpha=0	2	Male	0.0-0.0 mm	B121-1B02-CM00-0000
				3	Male	0.0-0.0 mm	B121-1B03-CM00-0000
				4	Male	0.0-0.0 mm	B121-1B04-CM00-0000
				5	Male	0.0-0.0 mm	B121-1B05-CM00-0000
				6	Male	0.0-0.0 mm	B121-1B06-CM00-0000
				7	Male	0.0-0.0 mm	B121-1B07-CM00-0000
				8	Male	0.0-0.0 mm	B121-1B08-CM00-0000
				10	Male	0.0-0.0 mm	B121-1B10-CM00-0000
				14	Male	0.0-0.0 mm	B121-1B14-CM00-0000
				16	Male	0.0-0.0 mm	B121-1B16-CM00-0000
Fixed plug	B121	2B	Alpha=0	2	Male	0.0-0.0 mm	B121-2B02-CM00-000
				3	Male	0.0-0.0 mm	B121-2B03-CM00-0000
				4	Male	0.0-0.0 mm	B121-2B04-CM00-0000
				5	Male	0.0-0.0 mm	B121-2B05-CM00-0000
				6	Male	0.0-0.0 mm	B121-2B06-CM00-0000
				7	Male	0.0-0.0 mm	B121-2B07-CM00-0000
				8	Male	0.0-0.0 mm	B121-2B08-CM00-0000
				10	Male	0.0-0.0 mm	B121-2B10-CM00-0000
				12	Male	0.0-0.0 mm	B121-2B12-CM00-0000
				14	Male	0.0-0.0 mm	B121-2B14-CM00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

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● **15**

Cylerconnect

Model - b401 | b series

Fixed socket (back penel mounting)
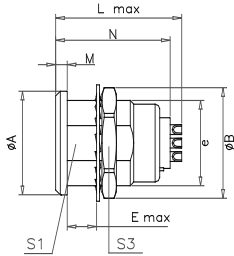
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	N	S1	S3	e	
B401	00	8.0	10.3	6.0	15.5	1.0	13.7	6.3	9.0	M7x0.5	●
B401	0B	10.0	12.5	7.0	20.7	1.2	19.1	8.2	11.0	M9x0.6	●
B401	1B	14.0	16.0	7.5	23.0	1.5	21.1	10.5	14.0	M12X1.0	●
B401	2B	18.0	19.5	8.5	26.7	1.8	24.6	13.5	17.0	M15x1.0	●
B401	3B	22.0	25.0	11.5	30.7	2.0	28.1	16.5	22.0	M18X1.0	●
B401	4B	28.0	34.0	12.0	35.7	2.5	34.1	23.5	30.0	M25X1.0	○

Materials
Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range
-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	B401	00	Alpha=0	2	Female	0.0-0.0 mm	B401-0002-CF00-0000
				3	Female	0.0-0.0 mm	B401-0003-CF00-0000
				4	Female	0.0-0.0 mm	B401-0004-CF00-0000
Fixed socket	B401	0B	Alpha=0	2	Female	0.0-0.0 mm	B401-0B02-CF00-0000
				3	Female	0.0-0.0 mm	B401-0B03-CF00-0000
				4	Female	0.0-0.0 mm	B401-0B04-CF00-0000
				5	Female	0.0-0.0 mm	B401-0B05-CF00-0000
				6	Female	0.0-0.0 mm	B401-0B06-CF00-0000
				7	Female	0.0-0.0 mm	B401-0B07-CF00-0000
				9	Female	0.0-0.0 mm	B401-0B09-CF00-0000
Fixed socket	B401	1B	Alpha=0	2	Female	0.0-0.0 mm	B401-1B02-CF00-0000
				3	Female	0.0-0.0 mm	B401-1B03-CF00-0000
				4	Female	0.0-0.0 mm	B401-1B04-CF00-0000
				5	Female	0.0-0.0 mm	B401-1B05-CF00-0000
				6	Female	0.0-0.0 mm	B401-1B06-CF00-0000
				7	Female	0.0-0.0 mm	B401-1B07-CF00-0000
				8	Female	0.0-0.0 mm	B401-1B08-CF00-0000
				10	Female	0.0-0.0 mm	B401-1B10-CF00-0000
				14	Female	0.0-0.0 mm	B401-1B14-CF00-0000
				16	Female	0.0-0.0 mm	B401-1B16-CF00-0000
Fixed socket	B401	2B	Alpha=0	2	Female	0.0-0.0 mm	B401-2B02-CF00-000
				3	Female	0.0-0.0 mm	B401-2B03-CF00-0000
				4	Female	0.0-0.0 mm	B401-2B04-CF00-0000
				5	Female	0.0-0.0 mm	B401-2B05-CF00-0000
				6	Female	0.0-0.0 mm	B401-2B06-CF00-0000
				7	Female	0.0-0.0 mm	B401-2B07-CF00-0000
				8	Female	0.0-0.0 mm	B401-2B08-CF00-0000
				10	Female	0.0-0.0 mm	B401-2B10-CF00-0000
				12	Female	0.0-0.0 mm	B401-2B12-CF00-0000
				14	Female	0.0-0.0 mm	B401-2B14-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b403 | b series

Fixed socket (panel mounting)
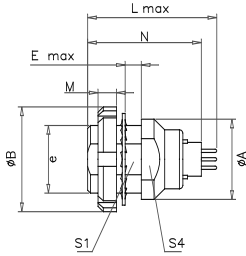
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	N	S1	S4	e	
B403	00	10.0	9.5	2.3	15.5	2.5	13.7	6.3	7.5	M7x0.5	○
B403	0B	12.0	12.5	2.4	20.7	2.5	19.1	8.2	9.0	M9x0.6	●
B403	1B	16.0	16.0	5.0	23.0	3.2	21.1	10.5	13.0	M12X1.0	●
B403	2B	20.0	20.0	4.5	26.7	3.5	24.6	13.5	15.0	M15x1.0	●
B403	3B	24.0	25.0	9.0	30.7	4.5	28.1	16.5	20.0	M18X1.0	●

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

## Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	B403	0B	Alpha=0	2	Female	0.0-0.0 mm	B403-0B02-CF00-0000
				3	Female	0.0-0.0 mm	B403-0B03-CF00-0000
				4	Female	0.0-0.0 mm	B403-0B04-CF00-0000
				5	Female	0.0-0.0 mm	B403-0B05-CF00-0000
				6	Female	0.0-0.0 mm	B403-0B06-CF00-0000
				7	Female	0.0-0.0 mm	B403-0B07-CF00-0000
				9	Female	0.0-0.0 mm	B403-0B09-CF00-0000
Fixed socket	B403	1B	Alpha=0	2	Female	0.0-0.0 mm	B403-1B02-CF00-0000
				3	Female	0.0-0.0 mm	B403-1B03-CF00-0000
				4	Female	0.0-0.0 mm	B403-1B04-CF00-0000
				5	Female	0.0-0.0 mm	B403-1B05-CF00-0000
				6	Female	0.0-0.0 mm	B403-1B06-CF00-0000
				7	Female	0.0-0.0 mm	B403-1B07-CF00-0000
				8	Female	0.0-0.0 mm	B403-1B08-CF00-0000
				10	Female	0.0-0.0 mm	B403-1B10-CF00-0000
				14	Female	0.0-0.0 mm	B403-1B14-CF00-0000
				16	Female	0.0-0.0 mm	B403-1B16-CF00-0000
Fixed socket	B403	2B	Alpha=0	2	Female	0.0-0.0 mm	B403-2B02-CF00-000
				3	Female	0.0-0.0 mm	B403-2B03-CF00-0000
				4	Female	0.0-0.0 mm	B403-2B04-CF00-0000
				5	Female	0.0-0.0 mm	B403-2B05-CF00-0000
				6	Female	0.0-0.0 mm	B403-2B06-CF00-0000
				7	Female	0.0-0.0 mm	B403-2B07-CF00-0000
				8	Female	0.0-0.0 mm	B403-2B08-CF00-0000
				10	Female	0.0-0.0 mm	B403-2B10-CF00-0000
				12	Female	0.0-0.0 mm	B403-2B12-CF00-0000
				14	Female	0.0-0.0 mm	B403-2B14-CF00-0000
				16	Female	0.0-0.0 mm	B403-2B16-CF00-0000
				18	Female	0.0-0.0 mm	B403-2B18-CF00-0000
				19	Female	0.0-0.0 mm	B403-2B19-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - b404 | b series

Fixed socket with two nuts (panel mounting)
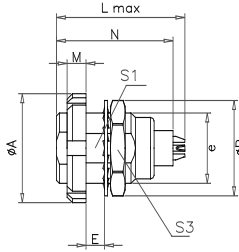
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	N	S1	S3	e	
B404	0B	12.0	12.5	5.5	20.7	2.5	19.1	8.2	11.0	M9x0.6	●
B404	1B	16.0	16.0	6.0	23.0	3.5	21.1	10.5	14.0	M12X1.0	●
B404	2B	20.0	19.5	6.5	26.7	3.5	24.6	13.5	17.0	M15x1.0	●
B404	3B	24.0	25.0	9.0	30.7	4.5	28.1	16.5	22.0	M18X1.0	●
B404	4B	30.0	32.0	10.0	35.7	4.5	32.6	23.5	30.0	M25X1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

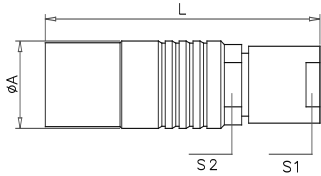| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	B404	0B	Alpha=0	2	Female	0.0-0.0 mm	B404-0B02-CF00-0000
				3	Female	0.0-0.0 mm	B404-0B03-CF00-0000
				4	Female	0.0-0.0 mm	B404-0B04-CF00-0000
				5	Female	0.0-0.0 mm	B404-0B05-CF00-0000
				6	Female	0.0-0.0 mm	B404-0B06-CF00-0000
				7	Female	0.0-0.0 mm	B404-0B07-CF00-0000
				9	Female	0.0-0.0 mm	B404-0B09-CF00-0000
Fixed socket	B404	1B	Alpha=0	2	Female	0.0-0.0 mm	B404-1B02-CF00-0000
				3	Female	0.0-0.0 mm	B404-1B03-CF00-0000
				4	Female	0.0-0.0 mm	B404-1B04-CF00-0000
				5	Female	0.0-0.0 mm	B404-1B05-CF00-0000
				6	Female	0.0-0.0 mm	B404-1B06-CF00-0000
				7	Female	0.0-0.0 mm	B404-1B07-CF00-0000
				8	Female	0.0-0.0 mm	B404-1B08-CF00-0000
				10	Female	0.0-0.0 mm	B404-1B10-CF00-0000
				14	Female	0.0-0.0 mm	B404-1B14-CF00-0000
				16	Female	0.0-0.0 mm	B404-1B16-CF00-0000
Fixed socket	B404	2B	Alpha=0	2	Female	0.0-0.0 mm	B404-2B02-CF00-0000
				3	Female	0.0-0.0 mm	B404-2B03-CF00-0000
				4	Female	0.0-0.0 mm	B404-2B04-CF00-0000
				5	Female	0.0-0.0 mm	B404-2B05-CF00-0000
				6	Female	0.0-0.0 mm	B404-2B06-CF00-0000
				7	Female	0.0-0.0 mm	B404-2B07-CF00-0000
				8	Female	0.0-0.0 mm	B404-2B08-CF00-0000
				10	Female	0.0-0.0 mm	B404-2B10-CF00-0000
				12	Female	0.0-0.0 mm	B404-2B12-CF00-0000
				14	Female	0.0-0.0 mm	B404-2B14-CF00-0000
				16	Female	0.0-0.0 mm	B404-2B16-CF00-0000
				18	Female	0.0-0.0 mm	B404-2B18-CF00-0000
				19	Female	0.0-0.0 mm	B404-2B19-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b411 | b series

Fixed socket with two nuts, with elbow (90°) contact for printed circuit (panel mounting)
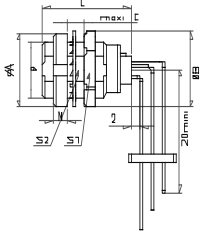
Reference		Dimensions (mm)								Availability
Model	Size	A	B	E	L	M	S1	S2	e	
B411	0B	12.0	12.5	2.4	18.3	2.5	8.2	11.0	M9x0.6	●
B411	1B	16.0	16.0	6.0	20.3	3.5	10.5	14.0	M12X1.0	●
B411	2B	20.0	19.5	6.0	22.3	3.5	13.5	17.0	M15x1.0	○
B411	3B	24.0	25.5	9.0	25.8	4.5	16.5	22.0	M18X1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 1 to 18 contacts

IP Index: IP50

b series

19

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	B411	0B	Alpha=0	2	Female	0.0-0.0 mm	B411-0B02-CF00-000W
				3	Female	0.0-0.0 mm	B411-0B03-CF00-000W
				4	Female	0.0-0.0 mm	B411-0B04-CF00-000W
				5	Female	0.0-0.0 mm	B411-0B05-CF00-000W
				6	Female	0.0-0.0 mm	B411-0B06-CF00-000W
				7	Female	0.0-0.0 mm	B411-0B07-CF00-000W
				9	Female	0.0-0.0 mm	B411-0B09-CF00-000W
Fixed socket	B411	1B	Alpha=0	2	Female	0.0-0.0 mm	B411-1B02-CF00-000W
				3	Female	0.0-0.0 mm	B411-1B03-CF00-000W
				4	Female	0.0-0.0 mm	B411-1B04-CF00-000W
				5	Female	0.0-0.0 mm	B411-1B05-CF00-000W
				6	Female	0.0-0.0 mm	B411-1B06-CF00-000W
				7	Female	0.0-0.0 mm	B411-1B07-CF00-000W
				8	Female	0.0-0.0 mm	B411-1B08-CF00-000W
				10	Female	0.0-0.0 mm	B411-1B10-CF00-000W
				14	Female	0.0-0.0 mm	B411-1B14-CF00-000W
				16	Female	0.0-0.0 mm	B411-1B16-CF00-000W
Fixed socket	B411	2B	Alpha=0	2	Female	0.0-0.0 mm	B411-2B02-CF00-000W
				3	Female	0.0-0.0 mm	B411-2B03-CF00-000W
				4	Female	0.0-0.0 mm	B411-2B04-CF00-000W
				5	Female	0.0-0.0 mm	B411-2B05-CF00-000W
				6	Female	0.0-0.0 mm	B411-2B06-CF00-000W
				7	Female	0.0-0.0 mm	B411-2B07-CF00-000W
				8	Female	0.0-0.0 mm	B411-2B08-CF00-000W
				10	Female	0.0-0.0 mm	B411-2B10-CF00-000W
				12	Female	0.0-0.0 mm	B411-2B12-CF00-000W
				14	Female	0.0-0.0 mm	B411-2B14-CF00-000W
				16	Female	0.0-0.0 mm	B411-2B16-CF00-000W
				18	Female	0.0-0.0 mm	B411-2B18-CF00-000W
				19	Female	0.0-0.0 mm	B411-2B19-CF00-000W

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.
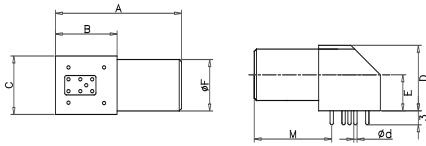
Data subject to change | www.cylertech.com

Model - b420 | b series

Straight socket for printed circuit
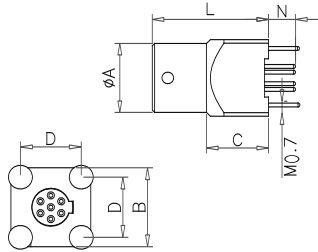
Reference		Dimensions (mm)					Availability	
Model	Size	A	B	C	D	L		
B420	00	6.8	7.0	7.0	5.1	14.0	○	
B420	0B	9.0	10.0	8.0	7.6	15.0	○	
B420	1B	11.0	12.0	8.0	7.6	19.0	○	
B420	2B	14.0	15.0	9.0	10.1	22.5	○	
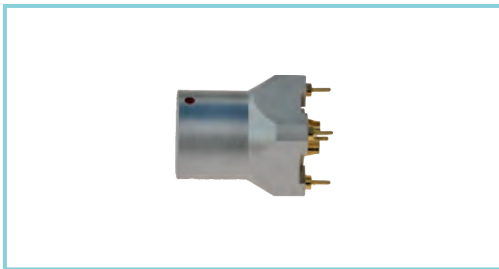
Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

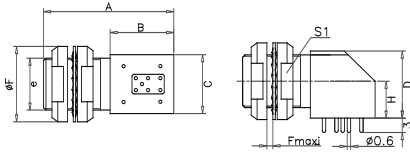| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight socket	B421	0B	Alpha=0	2	Female	0.0-0.0 mm	B420-0B02-CF00-000Z
				3	Female	0.0-0.0 mm	B420-0B03-CF00-000Z
				4	Female	0.0-0.0 mm	B420-0B04-CF00-000Z
				5	Female	0.0-0.0 mm	B420-0B05-CF00-000Z
				6	Female	0.0-0.0 mm	B420-0B06-CF00-000Z
				7	Female	0.0-0.0 mm	B420-0B07-CF00-000Z
				9	Female	0.0-0.0 mm	B420-0B09-CF00-000Z
Straight socket	B421	1B	Alpha=0	2	Female	0.0-0.0 mm	B420-1B02-CF00-000Z
				3	Female	0.0-0.0 mm	B420-1B03-CF00-000Z
				4	Female	0.0-0.0 mm	B420-1B04-CF00-000Z
				5	Female	0.0-0.0 mm	B420-1B05-CF00-000Z
				6	Female	0.0-0.0 mm	B420-1B06-CF00-000Z
				7	Female	0.0-0.0 mm	B420-1B07-CF00-000Z
				8	Female	0.0-0.0 mm	B420-1B08-CF00-000Z
				10	Female	0.0-0.0 mm	B420-1B10-CF00-000Z
				14	Female	0.0-0.0 mm	B420-1B14-CF00-000Z
				16	Female	0.0-0.0 mm	B420-1B16-CF00-000Z
Straight socket	B421	2B	Alpha=0	2	Female	0.0-0.0 mm	B420-2B02-CF00-000Z
				3	Female	0.0-0.0 mm	B420-2B03-CF00-000Z
				4	Female	0.0-0.0 mm	B420-2B04-CF00-000Z
				5	Female	0.0-0.0 mm	B420-2B05-CF00-000Z
				6	Female	0.0-0.0 mm	B420-2B06-CF00-000Z
				7	Female	0.0-0.0 mm	B420-2B07-CF00-000Z
				8	Female	0.0-0.0 mm	B420-2B08-CF00-000Z
				10	Female	0.0-0.0 mm	B420-2B10-CF00-000Z
				12	Female	0.0-0.0 mm	B420-2B12-CF00-000Z
				14	Female	0.0-0.0 mm	B420-2B14-CF00-000Z
				16	Female	0.0-0.0 mm	B420-2B16-CF00-000Z
				18	Female	0.0-0.0 mm	B420-2B18-CF00-000Z
				19	Female	0.0-0.0 mm	B420-2B19-CF00-000Z

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - b421 | b series

Straight socket for printed circuit
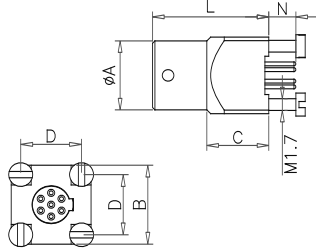
Reference		Dimensions (mm)						Availability	
Model	Size	A	B	C	D	L	N		
B421	0B	9.0	10.0	8.0	7.6	15.0	4.5	O	
B421	1B	11.0	12.0	8.0	7.6	19.0	4.5	O	
B421	2B	14.0	15.0	9.0	10.1	22.5	5.5	O	
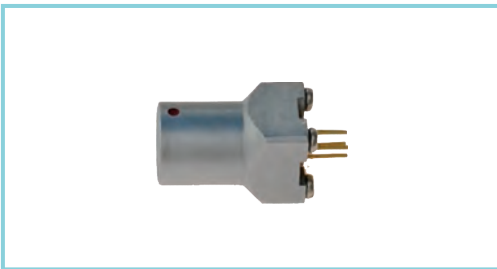
Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50
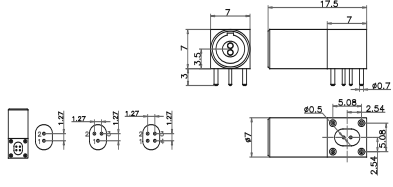
Ordering Information / Model number example

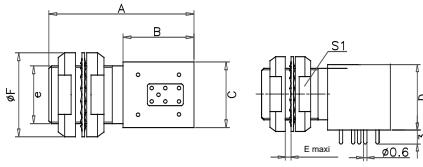| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight socket	B421	0B	Alpha=0	2	Female	0.0-0.0 mm	B421-0B02-CF00-000Z
				3	Female	0.0-0.0 mm	B421-0B03-CF00-000Z
				4	Female	0.0-0.0 mm	B421-0B04-CF00-000Z
				5	Female	0.0-0.0 mm	B421-0B05-CF00-000Z
				6	Female	0.0-0.0 mm	B421-0B06-CF00-000Z
				7	Female	0.0-0.0 mm	B421-0B07-CF00-000Z
				9	Female	0.0-0.0 mm	B421-0B09-CF00-000Z
Straight socket	B421	1B	Alpha=0	2	Female	0.0-0.0 mm	B421-1B02-CF00-000Z
				3	Female	0.0-0.0 mm	B421-1B03-CF00-000Z
				4	Female	0.0-0.0 mm	B421-1B04-CF00-000Z
				5	Female	0.0-0.0 mm	B421-1B05-CF00-000Z
				6	Female	0.0-0.0 mm	B421-1B06-CF00-000Z
				7	Female	0.0-0.0 mm	B421-1B07-CF00-000Z
				8	Female	0.0-0.0 mm	B421-1B08-CF00-000Z
				10	Female	0.0-0.0 mm	B421-1B10-CF00-000Z
				14	Female	0.0-0.0 mm	B421-1B14-CF00-000Z
				16	Female	0.0-0.0 mm	B421-1B16-CF00-000Z
Straight socket	B421	2B	Alpha=0	2	Female	0.0-0.0 mm	B421-2B02-CF00-000Z
				3	Female	0.0-0.0 mm	B421-2B03-CF00-000Z
				4	Female	0.0-0.0 mm	B421-2B04-CF00-000Z
				5	Female	0.0-0.0 mm	B421-2B05-CF00-000Z
				6	Female	0.0-0.0 mm	B421-2B06-CF00-000Z
				7	Female	0.0-0.0 mm	B421-2B07-CF00-000Z
				8	Female	0.0-0.0 mm	B421-2B08-CF00-000Z
				10	Female	0.0-0.0 mm	B421-2B10-CF00-000Z
				12	Female	0.0-0.0 mm	B421-2B12-CF00-000Z
				14	Female	0.0-0.0 mm	B421-2B14-CF00-000Z
				16	Female	0.0-0.0 mm	B421-2B16-CF00-000Z
				18	Female	0.0-0.0 mm	B421-2B18-CF00-000Z
				19	Female	0.0-0.0 mm	B421-2B19-CF00-000Z

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
O Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b441 | b series

Free socket with standard back nut

Reference		Dimensions (mm)				Availability	
Model	Size	A	L	S1	S2		
B441	00	6.8	26.0	5.5	5.0	○	
B441	0B	9.5	35.5	8.0	7.0	●	
B441	1B	12.5	40.5	10.0	9.0	●	
B441	2B	16.5	47.0	13.0	12.0	●	
B441	3B	19.0	56.0	15.0	14.0	●	
B441	4B	24.4	73.0	21.0	20.0	○	

Materials
Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range
-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Free socket	B441	00	Alpha=0	2	Female	1.5-2.0 mm	B441-0002-CF00-0220
				2	Female	2.0-2.5 mm	B441-0002-CF00-0250
				2	Female	2.5-3.0 mm	B441-0002-CF00-0320
				3	Female	1.5-2.0 mm	B441-0003-CF00-0220
				3	Female	2.0-2.5 mm	B441-0003-CF00-0250
				3	Female	2.5-3.0 mm	B441-0003-CF00-0320
				4	Female	1.5-2.0 mm	B441-0004-CF00-0220
				4	Female	2.0-2.5 mm	B441-0004-CF00-0250
				4	Female	2.5-3.0 mm	B441-0004-CF00-0320
Free socket	B441	0B	Alpha=0	2	Female	2.0-3.0 mm	B441-0B02-CF00-0320
				2	Female	3.0-4.0 mm	B441-0B02-CF00-0420
				2	Female	4.0-5.0 mm	B441-0B02-CF00-0520
				3	Female	2.0-3.0 mm	B441-0B03-CF00-0320
				3	Female	3.0-4.0 mm	B441-0B03-CF00-0420
				3	Female	4.0-5.0 mm	B441-0B03-CF00-0520
				4	Female	2.0-3.0 mm	B441-0B04-CF00-0320
				4	Female	3.0-4.0 mm	B441-0B04-CF00-0420
				4	Female	4.0-5.0 mm	B441-0B04-CF00-0520
				5	Female	2.0-3.0 mm	B441-0B05-CF00-0320
				5	Female	3.0-4.0 mm	B441-0B05-CF00-0420
				5	Female	4.0-5.0 mm	B441-0B05-CF00-0520
				6	Female	2.0-3.0 mm	B441-0B06-CF00-0320
				6	Female	3.0-4.0 mm	B441-0B06-CF00-0420
				6	Female	4.0-5.0 mm	B441-0B06-CF00-0520
				7	Female	2.0-3.0 mm	B441-0B07-CF00-0320
				7	Female	3.0-4.0 mm	B441-0B07-CF00-0420
				7	Female	4.0-5.0 mm	B441-0B07-CF00-0520
				9	Female	2.0-3.0 mm	B441-0B09-CF00-0320
				9	Female	3.0-4.0 mm	B441-0B09-CF00-0420
				9	Female	4.0-5.0 mm	B441-0B09-CF00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b442 | b series

Free socket with back nut for fitting a bend relief
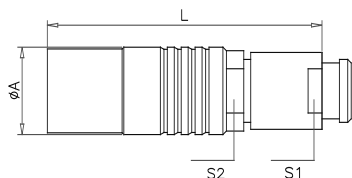
Reference		Dimensions (mm)				Availability	
Model	Size	A	L	S1	S2		
B442	00	6.8	26.0	5.5	5.0	○	
B442	0B	9.5	35.5	8.0	7.0	●	
B442	1B	12.5	40.5	10.0	9.0	●	
B442	2B	16.5	47.0	13.0	12.0	●	
B442	3B	19.0	56.0	15.0	14.0	●	
B442	4B	24.4	73.0	21.0	20.0	○	
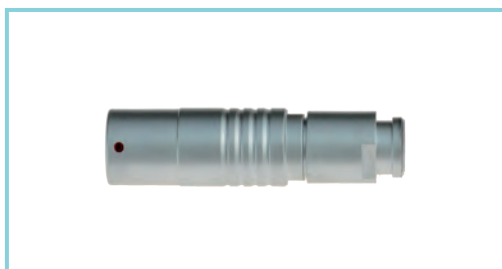
Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Free socket	B442	00	Alpha=0	2	Female	1.5-2.0 mm	B442-0002-CF00-022S
					Female	2.0-2.5 mm	B442-0002-CF00-025S
					Female	2.5-3.0 mm	B442-0002-CF00-032S
				3	Female	1.5-2.0 mm	B442-0003-CF00-022S
					Female	2.0-2.5 mm	B442-0003-CF00-025S
					Female	2.5-3.0 mm	B442-0003-CF00-032S
				4	Female	1.5-2.0 mm	B442-0004-CF00-022S
					Female	2.0-2.5 mm	B442-0004-CF00-025S
					Female	2.5-3.0 mm	B442-0004-CF00-032S
Free socket	B442	0B	Alpha=0	2	Female	2.0-3.0 mm	B442-0B02-CF00-032S
					Female	3.0-4.0 mm	B442-0B02-CF00-042S
					Female	4.0-5.0 mm	B442-0B02-CF00-052S
				3	Female	2.0-3.0 mm	B442-0B03-CF00-032S
					Female	3.0-4.0 mm	B442-0B03-CF00-042S
					Female	4.0-5.0 mm	B442-0B03-CF00-052S
				4	Female	2.0-3.0 mm	B442-0B04-CF00-032S
					Female	3.0-4.0 mm	B442-0B04-CF00-042S
					Female	4.0-5.0 mm	B442-0B04-CF00-052S
				5	Female	2.0-3.0 mm	B442-0B05-CF00-032S
					Female	3.0-4.0 mm	B442-0B05-CF00-042S
					Female	4.0-5.0 mm	B442-0B05-CF00-052S
				6	Female	2.0-3.0 mm	B442-0B06-CF00-032S
					Female	3.0-4.0 mm	B442-0B06-CF00-042S
					Female	4.0-5.0 mm	B442-0B06-CF00-052S
				7	Female	2.0-3.0 mm	B442-0B07-CF00-032S
					Female	3.0-4.0 mm	B442-0B07-CF00-042S
					Female	4.0-5.0 mm	B442-0B07-CF00-052S
				9	Female	2.0-3.0 mm	B442-0B09-CF00-032S
					Female	3.0-4.0 mm	B442-0B09-CF00-042S
					Female	4.0-5.0 mm	B442-0B09-CF00-052S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.
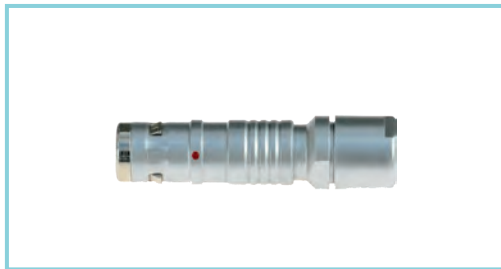
Model - b451 | b series

Elbow (90°) socket for printed circuit

Reference		Dimensions (mm)								Availability	
Model	Size	A	B	C	D	E	F	M	d		
B451	0B	25.0	13.3	11.7	12.7	6.7	9.0	14.6	0.7	●	
B451	1B	27.0	13.3	12.6	14.0	7.5	11.0	16.0	0.7	●	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 14 contacts

IP Index: IP50

Ordering Information / Model number example

| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Elbow (90°) socket	B451	0B	Alpha=0	2	Female	0.0-0.0 mm	B451-0B02-CF00-000Z
				3	Female	0.0-0.0 mm	B451-0B03-CF00-000Z
				4	Female	0.0-0.0 mm	B451-0B04-CF00-000Z
				5	Female	0.0-0.0 mm	B451-0B05-CF00-000Z
				6	Female	0.0-0.0 mm	B451-0B06-CF00-000Z
				7	Female	0.0-0.0 mm	B451-0B07-CF00-000Z
				9	Female	0.0-0.0 mm	B451-0B09-CF00-000Z
Elbow (90°) socket	B451	1B	Alpha=0	2	Female	0.0-0.0 mm	B451-1B02-CF00-000Z
				3	Female	0.0-0.0 mm	B451-1B03-CF00-000Z
				4	Female	0.0-0.0 mm	B451-1B04-CF00-000Z
				5	Female	0.0-0.0 mm	B451-1B05-CF00-000Z
				6	Female	0.0-0.0 mm	B451-1B06-CF00-000Z
				7	Female	0.0-0.0 mm	B451-1B07-CF00-000Z
				8	Female	0.0-0.0 mm	B451-1B08-CF00-000Z
				10	Female	0.0-0.0 mm	B451-1B10-CF00-000Z
				14	Female	0.0-0.0 mm	B451-1B14-CF00-000Z

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

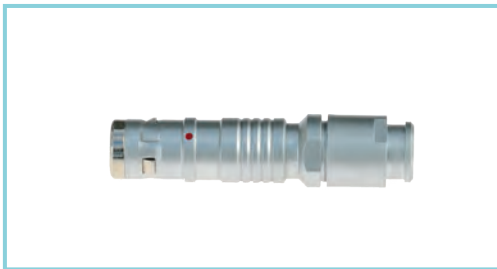● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b452 | b series

Elbow (90°) socket with two nuts for printed circuit (panel mounting)

Reference		Dimensions (mm)									Availability
Model	Size	A	B	C	D	H	F	S1	E	e	
B452	0B	25.0	13.0	11.7	12.7	6.7	12.0	10.5	3.5	M9x0.5	●
B452	1B	27.0	13.3	12.6	14.0	7.5	14.0	12.0	5.0	M11x0.6	●

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 14 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Elbow (90°) socket	B452	0B	Alpha=0	2	Female	0.0-0.0 mm	B452-0B02-CF00-000Z
				3	Female	0.0-0.0 mm	B452-0B03-CF00-000Z
				4	Female	0.0-0.0 mm	B452-0B04-CF00-000Z
				5	Female	0.0-0.0 mm	B452-0B05-CF00-000Z
				6	Female	0.0-0.0 mm	B452-0B06-CF00-000Z
				7	Female	0.0-0.0 mm	B452-0B07-CF00-000Z
				9	Female	0.0-0.0 mm	B452-0B09-CF00-000Z
Elbow (90°) socket	B452	1B	Alpha=0	2	Female	0.0-0.0 mm	B452-1B02-CF00-000Z
				3	Female	0.0-0.0 mm	B452-1B03-CF00-000Z
				4	Female	0.0-0.0 mm	B452-1B04-CF00-000Z
				5	Female	0.0-0.0 mm	B452-1B05-CF00-000Z
				6	Female	0.0-0.0 mm	B452-1B06-CF00-000Z
				7	Female	0.0-0.0 mm	B452-1B07-CF00-000Z
				8	Female	0.0-0.0 mm	B452-1B08-CF00-000Z
				10	Female	0.0-0.0 mm	B452-1B10-CF00-000Z
				14	Female	0.0-0.0 mm	B452-1B14-CF00-000Z

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b453 | b series

Elbow (90°) socket for printed circuit

Note: all dimensions are in millimeters

Reference		Dimensions (mm)				Availability	
Model	Size						
B453	00	mm	mm	mm	mm	●	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 1 to 18 contacts

IP Index: IP50

## Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Elbow (90°) socket	B453	00	Alpha=0	2	Female	0.0-0.0 mm	B453-0002-CF00-000Z
				3	Female	0.0-0.0 mm	B453-0003-CF00-000Z
				4	Female	0.0-0.0 mm	B453-0004-CF00-000Z

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
O Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - b456 | b series

Elbow (90°) socket with two nuts for printed circuit (panel mounting)

Reference		Dimensions (mm)								Availability
Model	Size	A	B	C	D	F	S1	E	e	
B456	0B	25	13	11.7	12.2	12.0	10.5	3.5	M9x0.5	●
B456	1B	27	13.3	12.6	13.2	14.0	12.0	5.0	M11x0.6	●

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 14 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Elbow (90°) socket	B456	0B	Alpha=0	2	Female	0.0-0.0 mm	B456-0B02-CF00-000Z
				3	Female	0.0-0.0 mm	B456-0B03-CF00-000Z
				4	Female	0.0-0.0 mm	B456-0B04-CF00-000Z
				5	Female	0.0-0.0 mm	B456-0B05-CF00-000Z
				6	Female	0.0-0.0 mm	B456-0B06-CF00-000Z
				7	Female	0.0-0.0 mm	B456-0B07-CF00-000Z
				9	Female	0.0-0.0 mm	B456-0B09-CF00-000Z
Elbow (90°) socket	B456	1B	Alpha=0	2	Female	0.0-0.0 mm	B456-1B02-CF00-000Z
				3	Female	0.0-0.0 mm	B456-1B03-CF00-000Z
				4	Female	0.0-0.0 mm	B456-1B04-CF00-000Z
				5	Female	0.0-0.0 mm	B456-1B05-CF00-000Z
				6	Female	0.0-0.0 mm	B456-1B06-CF00-000Z
				7	Female	0.0-0.0 mm	B456-1B07-CF00-000Z
				8	Female	0.0-0.0 mm	B456-1B08-CF00-000Z
				10	Female	0.0-0.0 mm	B456-1B10-CF00-000Z
				14	Female	0.0-0.0 mm	B456-1B14-CF00-000Z

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

K SERIES CONNECTORS

Model - k101 | k series

Straight plug with standard back nut (IP68)
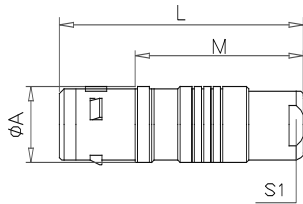
Reference		Dimensions (mm)				Availability	
Model	Size	A	L	M	S1		
K101	0K	11.0	36.0	25.0	8.0	●	
K101	1K	13.0	44.0	28.0	9.0	●	
K101	2K	16.0	54.0	38.0	12.0	●	
K101	3K	19.0	63.0	43.0	15.0	○	
K101	4K	25.0	71.0	50.5	19.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight plug	K101	0K	Alpha=0	2	Male	3.5-4.0 mm	K101-0K02-CM00-0400
				2	Male	4.0-4.5 mm	K101-0K02-CM00-0450
				2	Male	4.5-5.0 mm	K101-0K02-CM00-0500
				3	Male	3.5-4.0 mm	K101-0K03-CM00-0400
				3	Male	4.0-4.5 mm	K101-0K03-CM00-0450
				3	Male	4.5-5.0 mm	K101-0K03-CM00-0500
				4	Male	3.5-4.0 mm	K101-0K04-CM00-0400
				4	Male	4.0-4.5 mm	K101-0K04-CM00-0450
				4	Male	4.5-5.0 mm	K101-0K04-CM00-0500
				5	Male	3.5-4.0 mm	K101-0K05-CM00-0400
				5	Male	4.0-4.5 mm	K101-0K05-CM00-0450
				5	Male	4.5-5.0 mm	K101-0K05-CM00-0500
				6	Male	3.5-4.0 mm	K101-0K06-CM00-0400
				6	Male	4.0-4.5 mm	K101-0K06-CM00-0450
				6	Male	4.5-5.0 mm	K101-0K06-CM00-0500
				7	Male	3.5-4.0 mm	K101-0K07-CM00-0400
				7	Male	4.0-4.5 mm	K101-0K07-CM00-0450
				7	Male	4.5-5.0 mm	K101-0K07-CM00-0500
				9	Male	3.5-4.0 mm	K101-0K09-CM00-0400
				9	Male	4.0-4.5 mm	K101-0K09-CM00-0450
				9	Male	4.5-5.0 mm	K101-0K09-CM00-0500
Watertight plug	K101	1K	Alpha=0	2	Male	3.5-4.0 mm	K101-1K02-CM00-0400
				2	Male	4.0-4.5 mm	K101-1K02-CM00-0450
				2	Male	4.5-5.0 mm	K101-1K02-CM00-0500
				2	Male	5.0-5.5 mm	K101-1K02-CM00-0550
				2	Male	5.5-6.0 mm	K101-1K02-CM00-0600
				2	Male	6.0-6.5 mm	K101-1K02-CM00-0650
				2	Male	6.5-7.0 mm	K101-1K02-CM00-0700
				3	Male	5.0-5.5 mm	K101-1K03-CM00-0500
				3	Male	5.5-6.0 mm	K101-1K03-CM00-0550

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Cylerconnect

Model - k102 | k series

Staight plug with back nut for fitting a bend relief (IP68)
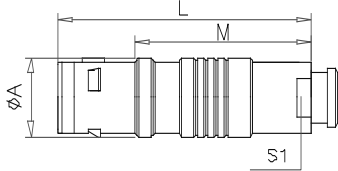
Reference		Dimensions (mm)				Availability	
Model	Size	A	L	M	S1		
K102	0K	11.0	36.0	25.0	8.0	●	
K102	1K	13.0	44.0	28.0	9.0	●	
K102	2K	16.0	54.0	38.0	12.0	●	
K102	3K	19.0	63.0	43.0	15.0	○	
K102	4K	25.0	71.0	50.5	19.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight plug	K102	0K	Alpha=0	2	Male	3.5-4.0 mm	K102-0K02-CM00-040S
					Male	4.0-4.5 mm	K102-0K02-CM00-045S
					Male	4.5-5.0 mm	K102-0K02-CM00-050S
				3	Male	3.5-4.0 mm	K102-0K03-CM00-040S
					Male	4.0-4.5 mm	K102-0K03-CM00-045S
					Male	4.5-5.0 mm	K102-0K03-CM00-050S
				4	Male	3.5-4.0 mm	K102-0K04-CM00-040S
					Male	4.0-4.5 mm	K102-0K04-CM00-045S
					Male	4.5-5.0 mm	K102-0K04-CM00-050S
				5	Male	3.5-4.0 mm	K102-0K05-CM00-040S
					Male	4.0-4.5 mm	K102-0K05-CM00-045S
					Male	4.5-5.0 mm	K102-0K05-CM00-050S
				6	Male	3.5-4.0 mm	K102-0K06-CM00-040S
					Male	4.0-4.5 mm	K102-0K06-CM00-045S
					Male	4.5-5.0 mm	K102-0K06-CM00-050S
				7	Male	3.5-4.0 mm	K102-0K07-CM00-040S
					Male	4.0-4.5 mm	K102-0K07-CM00-045S
					Male	4.5-5.0 mm	K102-0K07-CM00-050S
				9	Male	3.5-4.0 mm	K102-0K09-CM00-040S
					Male	4.0-4.5 mm	K102-0K09-CM00-045S
					Male	4.5-5.0 mm	K102-0K09-CM00-050S
Watertight plug	K102	1K	Alpha=0	2	Male	3.5-4.0 mm	K102-1K02-CM00-040S
					Male	4.0-4.5 mm	K102-1K02-CM00-045S
					Male	4.5-5.0 mm	K102-1K02-CM00-050S
					Male	5.0-5.5 mm	K102-1K02-CM00-055S
					Male	5.5-6.0 mm	K102-1K02-CM00-060S
					Male	6.0-6.5 mm	K102-1K02-CM00-065S
					Male	6.5-7.0 mm	K102-1K02-CM00-070S
				3	Male	5.0-5.5 mm	K102-1K03-CM00-050S
					Male	5.5-6.0 mm	K102-1K03-CM00-055S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

k series

30

Model - k108 | k series

Straight plug with oversize back nut (IP68)
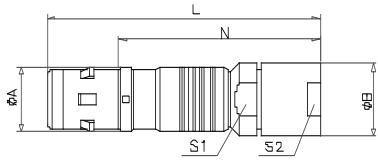
Reference		Dimensions (mm)						Availability	
Model	Size	A	B	L	N	S1	S2		
K108	1K	13.0	14.5	55.0	41.0	12.0	12.0	●	
K108	2K	16.0	17.0	65.0	49.0	15.0	15.0	○	
K108	3K	19.0	22.0	80.0	60.0	19.0	19.0	○	
K108	4K	25.0	36.0	107.0	86.0	30.0	32.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

Ordering Information / Model number example

| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight plug	K108	0K	Alpha=0	2	Male	3.5-4.0 mm	K108-0K02-CM00-0400
				2	Male	4.0-4.5 mm	K108-0K02-CM00-0450
				2	Male	4.5-5.0 mm	K108-0K02-CM00-0500
				3	Male	3.5-4.0 mm	K108-0K03-CM00-0400
				3	Male	4.0-4.5 mm	K108-0K03-CM00-0450
				3	Male	4.5-5.0 mm	K108-0K03-CM00-0500
				4	Male	3.5-4.0 mm	K108-0K04-CM00-0400
				4	Male	4.0-4.5 mm	K108-0K04-CM00-0450
				4	Male	4.5-5.0 mm	K108-0K04-CM00-0500
				5	Male	3.5-4.0 mm	K108-0K05-CM00-0400
				5	Male	4.0-4.5 mm	K108-0K05-CM00-0450
				5	Male	4.5-5.0 mm	K108-0K05-CM00-0500
				6	Male	3.5-4.0 mm	K108-0K06-CM00-0400
				6	Male	4.0-4.5 mm	K108-0K06-CM00-0450
				6	Male	4.5-5.0 mm	K108-0K06-CM00-0500
				7	Male	3.5-4.0 mm	K108-0K07-CM00-0400
				7	Male	4.0-4.5 mm	K108-0K07-CM00-0450
				7	Male	4.5-5.0 mm	K108-0K07-CM00-0500
				9	Male	3.5-4.0 mm	K108-0K09-CM00-0400
				9	Male	4.0-4.5 mm	K108-0K09-CM00-0450
				9	Male	4.5-5.0 mm	K108-0K09-CM00-0500
Watertight plug	K108	1K	Alpha=0	2	Male	3.5-4.0 mm	K108-1K02-CM00-0400
				2	Male	4.0-4.5 mm	K108-1K02-CM00-0450
				2	Male	4.5-5.0 mm	K108-1K02-CM00-0500
				2	Male	5.0-5.5 mm	K108-1K02-CM00-0550
				2	Male	5.5-6.0 mm	K108-1K02-CM00-0600
				2	Male	6.0-6.5 mm	K108-1K02-CM00-0650
				2	Male	6.5-7.0 mm	K108-1K02-CM00-0700
				3	Male	5.0-5.5 mm	K108-1K03-CM00-0500
				3	Male	5.5-6.0 mm	K108-1K03-CM00-0550

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

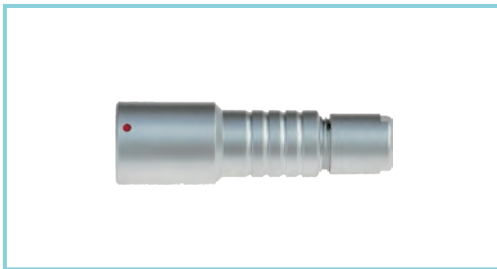● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - k109 | k series

Straight plug with oversize back nut for fitting a bend relief (IP68)
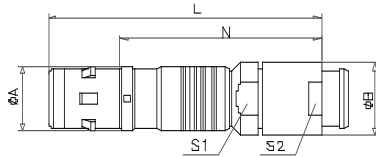
Reference		Dimensions (mm)						Availability	
Model	Size	A	B	L	N	S1	S2		
K109	1K	13.0	14.5	55.0	41.0	12.0	12.0	●	
K109	2K	16.0	17.0	65.0	49.0	15.0	15.0	○	
K109	3K	19.0	22.0	80.0	60.0	19.0	19.0	○	
K109	4K	25.0	36.0	107.0	86.0	30.0	32.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight plug	K109	0K	Alpha=0	2	Male	3.5-4.0 mm	K109-0K02-CM00-040S
				2	Male	4.0-4.5 mm	K109-0K02-CM00-045S
				2	Male	4.5-5.0 mm	K109-0K02-CM00-050S
				3	Male	3.5-4.0 mm	K109-0K03-CM00-040S
				3	Male	4.0-4.5 mm	K109-0K03-CM00-045S
				3	Male	4.5-5.0 mm	K109-0K03-CM00-050S
				4	Male	3.5-4.0 mm	K109-0K04-CM00-040S
				4	Male	4.0-4.5 mm	K109-0K04-CM00-045S
				4	Male	4.5-5.0 mm	K109-0K04-CM00-050S
				5	Male	3.5-4.0 mm	K109-0K05-CM00-040S
				5	Male	4.0-4.5 mm	K109-0K05-CM00-045S
				5	Male	4.5-5.0 mm	K109-0K05-CM00-050S
				6	Male	3.5-4.0 mm	K109-0K06-CM00-040S
				6	Male	4.0-4.5 mm	K109-0K06-CM00-045S
				6	Male	4.5-5.0 mm	K109-0K06-CM00-050S
				7	Male	3.5-4.0 mm	K109-0K07-CM00-040S
				7	Male	4.0-4.5 mm	K109-0K07-CM00-045S
				7	Male	4.5-5.0 mm	K109-0K07-CM00-050S
				9	Male	3.5-4.0 mm	K109-0K09-CM00-040S
				9	Male	4.0-4.5 mm	K109-0K09-CM00-045S
				9	Male	4.5-5.0 mm	K109-0K09-CM00-050S
Watertight plug	K109	1K	Alpha=0	2	Male	3.5-4.0 mm	K109-1K02-CM00-040S
				2	Male	4.0-4.5 mm	K109-1K02-CM00-045S
				2	Male	4.5-5.0 mm	K109-1K02-CM00-050S
				2	Male	5.0-5.5 mm	K109-1K02-CM00-055S
				2	Male	5.5-6.0 mm	K109-1K02-CM00-060S
				2	Male	6.0-6.5 mm	K109-1K02-CM00-065S
				2	Male	6.5-7.0 mm	K109-1K02-CM00-070S
				3	Male	5.0-5.5 mm	K109-1K03-CM00-050S
				3	Male	5.5-6.0 mm	K109-1K03-CM00-055S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
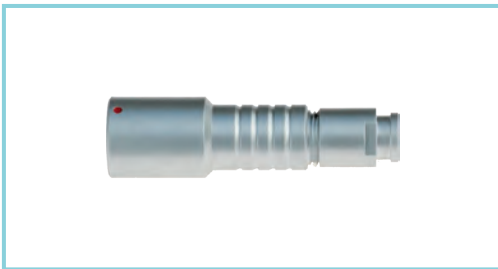○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - k401 | k series

Fixed socket (back panel mounting, IP68)
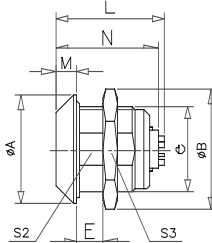
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	N	S2	S3	e	
K401	0K	18.0	19.5	6.0	21.7	4.0	20.1	12.5	17.0	M14x1.0	●
K401	1K	20.0	21.5	9.0	27.0	4.5	25.1	14.5	19.0	M16x1.0	●
K401	2K	25.0	27.5	9.0	30.7	5.0	28.6	18.5	24.0	M20x1.0	●
K401	3K	31.0	34.5	11.0	36.2	6.0	33.6	22.5	30.0	M24x1.0	○
K401	4K	37.0	40.5	10.0	40.2	6.5	38.6	28.5	36.0	M30x1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight Socket	K401	0K	Alpha=0	2	Female	0.0-0.0 mm	K401-0K02-CF00-0000
				3	Female	0.0-0.0 mm	K401-0K03-CF00-0000
				4	Female	0.0-0.0 mm	K401-0K04-CF00-0000
				5	Female	0.0-0.0 mm	K401-0K05-CF00-0000
				6	Female	0.0-0.0 mm	K401-0K06-CF00-0000
				7	Female	0.0-0.0 mm	K401-0K07-CF00-0000
				9	Female	0.0-0.0 mm	K401-0K09-CF00-0000
Watertight Socket	K401	1K	Alpha=0	2	Female	0.0-0.0 mm	K401-1K02-CF00-0000
				3	Female	0.0-0.0 mm	K401-1K03-CF00-0000
				4	Female	0.0-0.0 mm	K401-1K04-CF00-0000
				5	Female	0.0-0.0 mm	K401-1K05-CF00-0000
				6	Female	0.0-0.0 mm	K401-1K06-CF00-0000
				7	Female	0.0-0.0 mm	K401-1K07-CF00-0000
				8	Female	0.0-0.0 mm	K401-1K08-CF00-0000
				10	Female	0.0-0.0 mm	K401-1K10-CF00-0000
				14	Female	0.0-0.0 mm	K401-1K14-CF00-0000
				16	Female	0.0-0.0 mm	K401-1K16-CF00-0000
Watertight Socket	K401	2K	Alpha=0	2	Female	0.0-0.0 mm	K401-2K02-CF00-0000
				3	Female	0.0-0.0 mm	K401-2K03-CF00-0000
				4	Female	0.0-0.0 mm	K401-2K04-CF00-0000
				5	Female	0.0-0.0 mm	K401-2K05-CF00-0000
				6	Female	0.0-0.0 mm	K401-2K06-CF00-0000
				7	Female	0.0-0.0 mm	K401-2K07-CF00-0000
				8	Female	0.0-0.0 mm	K401-2K08-CF00-0000
				10	Female	0.0-0.0 mm	K401-2K10-CF00-0000
				12	Female	0.0-0.0 mm	K401-2K12-CF00-0000
				14	Female	0.0-0.0 mm	K401-2K14-CF00-0000
				16	Female	0.0-0.0 mm	K401-2K16-CF00-0000
				18	Female	0.0-0.0 mm	K401-2K18-CF00-0000
				19	Female	0.0-0.0 mm	K401-2K19-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Cylerconnect

Model - k403 | k series

Fixed socket (back panel mounting, IP68)
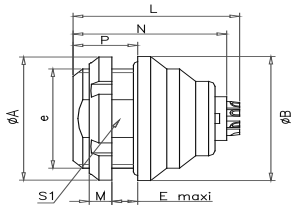
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	N	P	S1	e	
K403	0K	18.0	18.0	3.4	21.7	3.5	20.1	7.0	12.5	M14x1.0	●
K403	1K	20.0	20.0	6.2	27.0	3.5	25.1	10.0	14.5	M16x1.0	●
K403	2K	25.0	25.0	5.0	30.7	3.5	28.6	10.0	18.5	M20x1.0	●
K403	3K	30.0	31.0	7.5	36.2	4.5	33.6	12.0	22.5	M24x1.0	○
K403	4K	41.5	37.0	6.0	40.2	7.0	38.6	13.5	28.5	M30x1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight Socket	K403	0K	Alpha=0	2	Female	0.0-0.0 mm	K403-0K02-CF00-0000
				3	Female	0.0-0.0 mm	K403-0K03-CF00-0000
				4	Female	0.0-0.0 mm	K403-0K04-CF00-0000
				5	Female	0.0-0.0 mm	K403-0K05-CF00-0000
				6	Female	0.0-0.0 mm	K403-0K06-CF00-0000
				7	Female	0.0-0.0 mm	K403-0K07-CF00-0000
				9	Female	0.0-0.0 mm	K403-0K09-CF00-0000
Watertight Socket	K403	1K	Alpha=0	2	Female	0.0-0.0 mm	K403-1K02-CF00-0000
				3	Female	0.0-0.0 mm	K403-1K03-CF00-0000
				4	Female	0.0-0.0 mm	K403-1K04-CF00-0000
				5	Female	0.0-0.0 mm	K403-1K05-CF00-0000
				6	Female	0.0-0.0 mm	K403-1K06-CF00-0000
				7	Female	0.0-0.0 mm	K403-1K07-CF00-0000
				8	Female	0.0-0.0 mm	K403-1K08-CF00-0000
				10	Female	0.0-0.0 mm	K403-1K10-CF00-0000
				14	Female	0.0-0.0 mm	K403-1K14-CF00-0000
				16	Female	0.0-0.0 mm	K403-1K16-CF00-0000
Watertight Socket	K403	2K	Alpha=0	2	Female	0.0-0.0 mm	K403-2K02-CF00-0000
				3	Female	0.0-0.0 mm	K403-2K03-CF00-0000
				4	Female	0.0-0.0 mm	K403-2K04-CF00-0000
				5	Female	0.0-0.0 mm	K403-2K05-CF00-0000
				6	Female	0.0-0.0 mm	K403-2K06-CF00-0000
				7	Female	0.0-0.0 mm	K403-2K07-CF00-0000
				8	Female	0.0-0.0 mm	K403-2K08-CF00-0000
				10	Female	0.0-0.0 mm	K403-2K10-CF00-0000
				12	Female	0.0-0.0 mm	K403-2K12-CF00-0000
				14	Female	0.0-0.0 mm	K403-2K14-CF00-0000
				16	Female	0.0-0.0 mm	K403-2K16-CF00-0000
				18	Female	0.0-0.0 mm	K403-2K18-CF00-0000
				19	Female	0.0-0.0 mm	K403-2K19-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - k421 | k series

Fixed socket, protruding shell (back panel mounting, IP68)
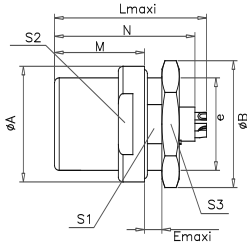
Reference		Dimensions (mm)										Availability
Model	Size	A	B	E	L	M	N	S1	S2	S3	e	
K421	0K	18.0	19.2	2.0	21.5	10.5	19.5	12.5	15.0	17.0	M14x1.0	●
K421	1K	20.0	21.5	2.0	26.5	15.5	24.5	14.5	17.0	19.0	M16x1.0	●
K421	2K	25.0	27.0	2.0	30.0	17.0	26.5	18.5	20.0	24.0	M20x1.0	○

Materials
Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range
-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

## Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight Socket	K421	0K	Alpha=0	2	Female	0.0-0.0 mm	K421-0K02-CF00-0000
				3	Female	0.0-0.0 mm	K421-0K03-CF00-0000
				4	Female	0.0-0.0 mm	K421-0K04-CF00-0000
				5	Female	0.0-0.0 mm	K421-0K05-CF00-0000
				6	Female	0.0-0.0 mm	K421-0K06-CF00-0000
				7	Female	0.0-0.0 mm	K421-0K07-CF00-0000
				9	Female	0.0-0.0 mm	K421-0K09-CF00-0000
Watertight Socket	K421	1K	Alpha=0	2	Female	0.0-0.0 mm	K421-1K02-CF00-0000
				3	Female	0.0-0.0 mm	K421-1K03-CF00-0000
				4	Female	0.0-0.0 mm	K421-1K04-CF00-0000
				5	Female	0.0-0.0 mm	K421-1K05-CF00-0000
				6	Female	0.0-0.0 mm	K421-1K06-CF00-0000
				7	Female	0.0-0.0 mm	K421-1K07-CF00-0000
				8	Female	0.0-0.0 mm	K421-1K08-CF00-0000
				10	Female	0.0-0.0 mm	K421-1K10-CF00-0000
				14	Female	0.0-0.0 mm	K421-1K14-CF00-0000
				16	Female	0.0-0.0 mm	K421-1K16-CF00-0000
Watertight Socket	K421	2K	Alpha=0	2	Female	0.0-0.0 mm	K421-2K02-CF00-0000
				3	Female	0.0-0.0 mm	K421-2K03-CF00-0000
				4	Female	0.0-0.0 mm	K421-2K04-CF00-0000
				5	Female	0.0-0.0 mm	K421-2K05-CF00-0000
				6	Female	0.0-0.0 mm	K421-2K06-CF00-0000
				7	Female	0.0-0.0 mm	K421-2K07-CF00-0000
				8	Female	0.0-0.0 mm	K421-2K08-CF00-0000
				10	Female	0.0-0.0 mm	K421-2K10-CF00-0000
				12	Female	0.0-0.0 mm	K421-2K12-CF00-0000
				14	Female	0.0-0.0 mm	K421-2K14-CF00-0000
				16	Female	0.0-0.0 mm	K421-2K16-CF00-0000
				18	Female	0.0-0.0 mm	K421-2K18-CF00-0000
				19	Female	0.0-0.0 mm	K421-2K19-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - k501 | k series

Fixed socket with cable collet and starndard back nut (back panel mounting, IP68)
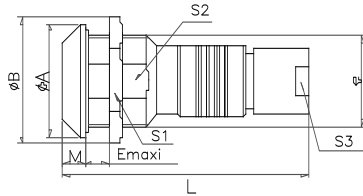
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	S1	S2	S3	e	
K501	0K	18.0	19.7	5.0	34.0	4.0	17.0	12.5	8.0	M14x1.0	●
K501	1K	20.0	21.9	8.0	45.0	4.5	19.0	14.5	9.0	M16x1.0	●
K501	2K	25.0	27.7	8.0	53.2	6.0	24.0	18.5	12.0	M20x1.0	○
K501	3K	31.0	34.0	10.0	65.0	6.0	30.0	22.5	15.0	M24x1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

## Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight Socket	K501	0K	Alpha=0	2	Female	1.5-2.0 mm	K501-0002-CF00-0220
				2	Female	2.0-2.5 mm	K501-0002-CF00-0250
				2	Female	2.5-3.0 mm	K501-0002-CF00-0320
				3	Female	1.5-2.0 mm	K501-0003-CF00-0220
				3	Female	2.0-2.5 mm	K501-0003-CF00-0250
				3	Female	2.5-3.0 mm	K501-0003-CF00-0320
				4	Female	1.5-2.0 mm	K501-0004-CF00-0220
				4	Female	2.0-2.5 mm	K501-0004-CF00-0250
				4	Female	2.5-3.0 mm	K501-0004-CF00-0320
Watertight Socket	K501	1K	Alpha=0	2	Female	2.0-3.0 mm	K501-0B02-CF00-0320
				2	Female	3.0-4.0 mm	K501-0B02-CF00-0420
				2	Female	4.0-5.0 mm	K501-0B02-CF00-0520
				3	Female	2.0-3.0 mm	K501-0B03-CF00-0320
				3	Female	3.0-4.0 mm	K501-0B03-CF00-0420
				3	Female	4.0-5.0 mm	K501-0B03-CF00-0520
				4	Female	2.0-3.0 mm	K501-0B04-CF00-0320
				4	Female	3.0-4.0 mm	K501-0B04-CF00-0420
				4	Female	4.0-5.0 mm	K501-0B04-CF00-0520
				5	Female	2.0-3.0 mm	K501-0B05-CF00-0320
				5	Female	3.0-4.0 mm	K501-0B05-CF00-0420
				5	Female	4.0-5.0 mm	K501-0B05-CF00-0520
				6	Female	2.0-3.0 mm	K501-0B06-CF00-0320
				6	Female	3.0-4.0 mm	K501-0B06-CF00-0420
				6	Female	4.0-5.0 mm	K501-0B06-CF00-0520
				7	Female	2.0-3.0 mm	K501-0B07-CF00-0320
				7	Female	3.0-4.0 mm	K501-0B07-CF00-0420
				7	Female	4.0-5.0 mm	K501-0B07-CF00-0520
				9	Female	2.0-3.0 mm	K501-0B09-CF00-0320
				9	Female	3.0-4.0 mm	K501-0B09-CF00-0420
				9	Female	4.0-5.0 mm	K501-0B09-CF00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - k502 | k series

Fixed socket with cable collet and back nut for fitting a bend relief(back panel mounting, IP68)
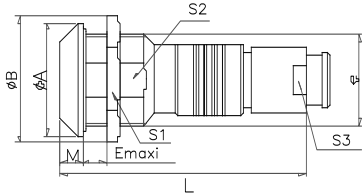
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	S1	S2	S3	e	
K502	0K	18.0	19.7	5.0	34.0	4.0	17.0	12.5	8.0	M14x1.0	●
K502	1K	20.0	21.9	8.0	45.0	4.5	19.0	14.5	9.0	M16x1.0	●
K502	2K	25.0	27.7	8.0	53.2	6.0	24.0	18.5	12.0	M20x1.0	○
K502	3K	31.0	34.0	10.0	65.0	6.0	30.0	22.5	15.0	M24x1.0	○
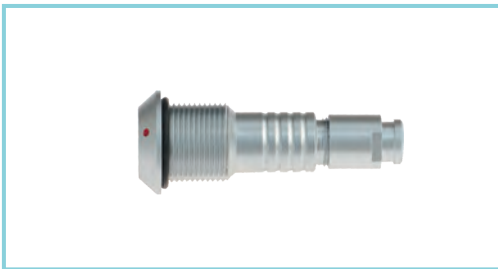
Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

Ordering Information / Model number example

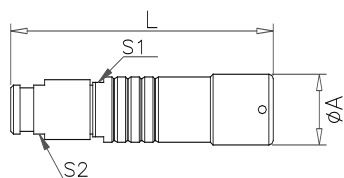| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight Socket	K502	0K	Alpha=0	2	Female	3.5-4.0 mm	K502-0K02-CF00-040S
				2	Female	4.0-4.5 mm	K502-0K02-CF00-045S
				2	Female	4.5-5.0 mm	K502-0K02-CF00-050S
				3	Female	3.5-4.0 mm	K502-0K03-CF00-040S
				3	Female	4.0-4.5 mm	K502-0K03-CF00-045S
				3	Female	4.5-5.0 mm	K502-0K03-CF00-050S
				4	Female	3.5-4.0 mm	K502-0K04-CF00-040S
				4	Female	4.0-4.5 mm	K502-0K04-CF00-045S
				4	Female	4.5-5.0 mm	K502-0K04-CF00-050S
				5	Female	3.5-4.0 mm	K502-0K05-CF00-040S
				5	Female	4.0-4.5 mm	K502-0K05-CF00-045S
				5	Female	4.5-5.0 mm	K502-0K05-CF00-050S
				6	Female	3.5-4.0 mm	K502-0K06-CF00-040S
				6	Female	4.0-4.5 mm	K502-0K06-CF00-045S
				6	Female	4.5-5.0 mm	K502-0K06-CF00-050S
				7	Female	3.5-4.0 mm	K502-0K07-CF00-040S
				7	Female	4.0-4.5 mm	K502-0K07-CF00-045S
				7	Female	4.5-5.0 mm	K502-0K07-CF00-050S
				9	Female	3.5-4.0 mm	K502-0K09-CF00-040S
				9	Female	4.0-4.5 mm	K502-0K09-CF00-045S
				9	Female	4.5-5.0 mm	K502-0K09-CF00-050S
Watertight Socket	K502	1K	Alpha=0	2	Female	3.5-4.0 mm	K502-1K02-CF00-040S
				2	Female	4.0-4.5 mm	K502-1K02-CF00-045S
				2	Female	4.5-5.0 mm	K502-1K02-CF00-050S
				2	Female	5.0-5.5 mm	K502-1K02-CF00-055S
				2	Female	5.5-6.0 mm	K502-1K02-CF00-060S
				2	Female	6.0-6.5 mm	K502-1K02-CF00-065S
				2	Female	6.5-7.0 mm	K502-1K02-CF00-070S
				3	Female	5.0-5.5 mm	K502-1K03-CF00-050S
				3	Female	5.5-6.0 mm	K502-1K03-CF00-055S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - k441 | k series

Free socket with standard back nut (IP68)
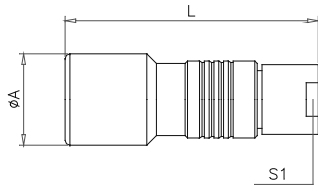
Reference		Dimensions (mm)			Availability	
Model	Size	A	L	S1		
K441	0K	13.0	34.0	8.0	●	
K441	1K	15.0	45.0	9.0	●	
K441	2K	19.0	54.0	12.0	●	
K441	3K	23.0	65.0	15.0	○	
K441	4K	29.0	75.5	19.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP68

Ordering Information / Model number example

| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight Socket	K441	0K	Alpha=0	2	Female	3.5-4.0 mm	K441-0K02-CF00-0400
				2	Female	4.0-4.5 mm	K441-0K02-CF00-0450
				2	Female	4.5-5.0 mm	K441-0K02-CF00-0500
				3	Female	3.5-4.0 mm	K441-0K03-CF00-0400
				3	Female	4.0-4.5 mm	K441-0K03-CF00-0450
				3	Female	4.5-5.0 mm	K441-0K03-CF00-0500
				4	Female	3.5-4.0 mm	K441-0K04-CF00-0400
				4	Female	4.0-4.5 mm	K441-0K04-CF00-0450
				4	Female	4.5-5.0 mm	K441-0K04-CF00-0500
				5	Female	3.5-4.0 mm	K441-0K05-CF00-0400
				5	Female	4.0-4.5 mm	K441-0K05-CF00-0450
				5	Female	4.5-5.0 mm	K441-0K05-CF00-0500
				6	Female	3.5-4.0 mm	K441-0K06-CF00-0400
				6	Female	4.0-4.5 mm	K441-0K06-CF00-0450
				6	Female	4.5-5.0 mm	K441-0K06-CF00-0500
				7	Female	3.5-4.0 mm	K441-0K07-CF00-0400
				7	Female	4.0-4.5 mm	K441-0K07-CF00-0450
				7	Female	4.5-5.0 mm	K441-0K07-CF00-0500
				9	Female	3.5-4.0 mm	K441-0K09-CF00-0400
				9	Female	4.0-4.5 mm	K441-0K09-CF00-0450
				9	Female	4.5-5.0 mm	K441-0K09-CF00-0500
Watertight Socket	K441	1K	Alpha=0	2	Female	3.5-4.0 mm	K441-1K02-CF00-0400
				2	Female	4.0-4.5 mm	K441-1K02-CF00-0450
				2	Female	4.5-5.0 mm	K441-1K02-CF00-0500
				2	Female	5.0-5.5 mm	K441-1K02-CF00-0550
				2	Female	5.5-6.0 mm	K441-1K02-CF00-0600
				2	Female	6.0-6.5 mm	K441-1K02-CF00-0650
				2	Female	6.5-7.0 mm	K441-1K02-CF00-0700
				3	Female	5.0-5.5 mm	K441-1K03-CF00-0500
				3	Female	5.5-6.0 mm	K441-1K03-CF00-0550

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - k442 | k series

Free socket with back nut for fitting a bend relief (IP68)
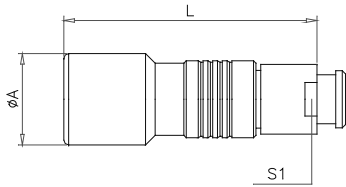
Reference		Dimensions (mm)			Availability	
Model	Size	A	L	S1		
K442	0K	13.0	34.0	8.0	●	
K442	1K	15.0	45.0	9.0	●	
K442	2K	19.0	54.0	12.0	●	
K442	3K	23.0	65.0	15.0	○	
K442	4K	29.0	75.5	19.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Watertight Socket	K442	0K	Alpha=0	2	Female	3.5-4.0 mm	K442-0K02-CF00-040S
					Female	4.0-4.5 mm	K442-0K02-CF00-045S
					Female	4.5-5.0 mm	K442-0K02-CF00-050S
				3	Female	3.5-4.0 mm	K442-0K03-CF00-040S
					Female	4.0-4.5 mm	K442-0K03-CF00-045S
					Female	4.5-5.0 mm	K442-0K03-CF00-050S
				4	Female	3.5-4.0 mm	K442-0K04-CF00-040S
					Female	4.0-4.5 mm	K442-0K04-CF00-045S
					Female	4.5-5.0 mm	K442-0K04-CF00-050S
				5	Female	3.5-4.0 mm	K442-0K05-CF00-040S
					Female	4.0-4.5 mm	K442-0K05-CF00-045S
					Female	4.5-5.0 mm	K442-0K05-CF00-050S
				6	Female	3.5-4.0 mm	K442-0K06-CF00-040S
					Female	4.0-4.5 mm	K442-0K06-CF00-045S
					Female	4.5-5.0 mm	K442-0K06-CF00-050S
				7	Female	3.5-4.0 mm	K442-0K07-CF00-040S
					Female	4.0-4.5 mm	K442-0K07-CF00-045S
					Female	4.5-5.0 mm	K442-0K07-CF00-050S
				9	Female	3.5-4.0 mm	K442-0K09-CF00-040S
					Female	4.0-4.5 mm	K442-0K09-CF00-045S
					Female	4.5-5.0 mm	K442-0K09-CF00-050S
Watertight Socket	K442	1K	Alpha=0	2	Female	3.5-4.0 mm	K442-1K02-CF00-040S
					Female	4.0-4.5 mm	K442-1K02-CF00-045S
					Female	4.5-5.0 mm	K442-1K02-CF00-050S
					Female	5.0-5.5 mm	K442-1K02-CF00-055S
					Female	5.5-6.0 mm	K442-1K02-CF00-060S
					Female	6.0-6.5 mm	K442-1K02-CF00-065S
					Female	6.5-7.0 mm	K442-1K02-CF00-070S
				3	Female	5.0-5.5 mm	K442-1K03-CF00-050S
					Female	5.5-6.0 mm	K442-1K03-CF00-055S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

F SERIES CONNECTORS

Model - f101 | f series

Straight plug with standard back nut
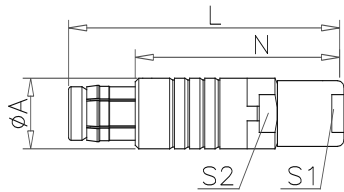
Reference		Dimensions (mm)					Availability	
Model	Size	A	L	N	S1	S2		
F101	0F	9.4	37.0	27.0	8.0	8.0	●	
F101	1F	12.0	47.0	35.0	10.0	10.0	●	
F101	2F	13.0	48.0	38.0	11.0	12.0	○	
F101	3F	15.0	50.0	38.0	13.0	12.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 26 contacts

IP Index: IP50 IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	F101	0F	Alpha=0	2	Male	2.0-3.0 mm	F101-0F02-CM00-0320
				2	Male	3.0-4.0 mm	F101-0F02-CM00-0420
				2	Male	4.0-5.0 mm	F101-0F02-CM00-0520
				3	Male	2.0-3.0 mm	F101-0F03-CM00-0320
				3	Male	3.0-4.0 mm	F101-0F03-CM00-0420
				3	Male	4.0-5.0 mm	F101-0F03-CM00-0520
				4	Male	2.0-3.0 mm	F101-0F04-CM00-0320
				4	Male	3.0-4.0 mm	F101-0F04-CM00-0420
				4	Male	4.0-5.0 mm	F101-0F04-CM00-0520
				5	Male	2.0-3.0 mm	F101-0F05-CM00-0320
				5	Male	3.0-4.0 mm	F101-0F05-CM00-0420
				5	Male	4.0-5.0 mm	F101-0F05-CM00-0520
				7	Male	2.0-3.0 mm	F101-0F07-CM00-0320
				7	Male	3.0-4.0 mm	F101-0F07-CM00-0420
				7	Male	4.0-5.0 mm	F101-0F07-CM00-0520
Straight plug	F101	1F	Alpha=0	2	Male	2.0-3.0 mm	F101-1F02-CM00-0320
				2	Male	3.0-4.0 mm	F101-1F02-CM00-0420
				2	Male	4.0-5.0 mm	F101-1F02-CM00-0520
				3	Male	2.0-3.0 mm	F101-1F03-CM00-0320
				3	Male	3.0-4.0 mm	F101-1F03-CM00-0420
				3	Male	4.0-5.0 mm	F101-1F03-CM00-0520
				4	Male	2.0-3.0 mm	F101-1F04-CM00-0320
				4	Male	3.0-4.0 mm	F101-1F04-CM00-0420
				4	Male	4.0-5.0 mm	F101-1F04-CM00-0520
				5	Male	2.0-3.0 mm	F101-1F05-CM00-0320
				5	Male	3.0-4.0 mm	F101-1F05-CM00-0420
				5	Male	4.0-5.0 mm	F101-1F05-CM00-0520
				6	Male	2.0-3.0 mm	F101-1F06-CM00-0320
				6	Male	3.0-4.0 mm	F101-1F06-CM00-0420
				6	Male	4.0-5.0 mm	F101-1F06-CM00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Cylerconnect

Model - f102 | f series

Straight plug with back nut for fitting a bend relief
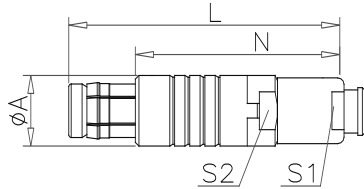
Reference		Dimensions (mm)					Availability	
Model	Size	A	L	N	S1	S2		
F102	0F	9.4	37.0	27.0	8.0	8.0	●	
F102	1F	12.0	47.0	35.0	10.0	10.0	●	
F102	2F	13.0	48.0	38.0	11.0	12.0	○	
F102	3F	15.0	50.0	38.0	13.0	12.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 26 contacts

IP Index: IP50 IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	F102	0F	Alpha=0	2	Male	2.0-3.0 mm	F102-0F02-CM00-032S
				2	Male	3.0-4.0 mm	F102-0F02-CM00-042S
				2	Male	4.0-5.0 mm	F102-0F02-CM00-052S
				3	Male	2.0-3.0 mm	F102-0F03-CM00-032S
				3	Male	3.0-4.0 mm	F102-0F03-CM00-042S
				3	Male	4.0-5.0 mm	F102-0F03-CM00-052S
				4	Male	2.0-3.0 mm	F102-0F04-CM00-032S
				4	Male	3.0-4.0 mm	F102-0F04-CM00-042S
				4	Male	4.0-5.0 mm	F102-0F04-CM00-052S
				5	Male	2.0-3.0 mm	F102-0F05-CM00-032S
				5	Male	3.0-4.0 mm	F102-0F05-CM00-042S
				5	Male	4.0-5.0 mm	F102-0F05-CM00-052S
				7	Male	2.0-3.0 mm	F102-0F07-CM00-032S
				7	Male	3.0-4.0 mm	F102-0F07-CM00-042S
				7	Male	4.0-5.0 mm	F102-0F07-CM00-052S
Straight plug	F102	1F	Alpha=0	2	Male	2.0-3.0 mm	F102-1F02-CM00-032S
				2	Male	3.0-4.0 mm	F102-1F02-CM00-042S
				2	Male	4.0-5.0 mm	F102-1F02-CM00-052S
				3	Male	2.0-3.0 mm	F102-1F03-CM00-032S
				3	Male	3.0-4.0 mm	F102-1F03-CM00-042S
				3	Male	4.0-5.0 mm	F102-1F03-CM00-052S
				4	Male	2.0-3.0 mm	F102-1F04-CM00-032S
				4	Male	3.0-4.0 mm	F102-1F04-CM00-042S
				4	Male	4.0-5.0 mm	F102-1F04-CM00-052S
				5	Male	2.0-3.0 mm	F102-1F05-CM00-032S
				5	Male	3.0-4.0 mm	F102-1F05-CM00-042S
				5	Male	4.0-5.0 mm	F102-1F05-CM00-052S
				6	Male	2.0-3.0 mm	F102-1F06-CM00-032S
				6	Male	3.0-4.0 mm	F102-1F06-CM00-042S
				6	Male	4.0-5.0 mm	F102-1F06-CM00-052S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - f401 | f series

Fixed socket (back penel mounting)
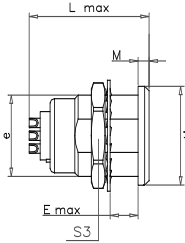
Reference		Dimensions (mm)							Availability
Model	Size	A	E	L	M	N	S3	e	
F401	0F	10.0	9.0	19.0	1.5	17.4	11.0	M9x0.5	●
F401	1F	14.0	8.0	23.0	1.5	21.1	14.0	M12x1.0	●
F401	2F	16.0	10.0	25.0	2.0	23.1	17.0	M14x1.0	○
F401	3F	19.0	11.0	25.0	2.0	23.1	17.0	M15x1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 26 contacts

IP Index: IP50 IP68

Ordering Information / Model number example

| Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed Socket	F401	0F	Alpha=0	2	Female	0.0-0.0 mm	F401-0F02-CF00-0000
				3	Female	0.0-0.0 mm	F401-0F03-CF00-0000
				4	Female	0.0-0.0 mm	F401-0F04-CF00-0000
				5	Female	0.0-0.0 mm	F401-0F05-CF00-0000
				7	Female	0.0-0.0 mm	F401-0F07-CF00-0000
Fixed Socket	F401	1F	Alpha=0	2	Female	0.0-0.0 mm	F401-1F02-CF00-0000
				3	Female	0.0-0.0 mm	F401-1F03-CF00-0000
				4	Female	0.0-0.0 mm	F401-1F04-CF00-0000
				5	Female	0.0-0.0 mm	F401-1F05-CF00-0000
				6	Female	0.0-0.0 mm	F401-1F06-CF00-0000
				7	Female	0.0-0.0 mm	F401-1F07-CF00-0000
				12	Female	0.0-0.0 mm	F401-1F12-CF00-0000
Fixed Socket	F401	2F	Alpha=0	10	Female	0.0-0.0 mm	F401-2F10-CF00-0000
				12	Female	0.0-0.0 mm	F401-2F12-CF00-0000
				19	Female	0.0-0.0 mm	F401-2F19-CF00-0000
Fixed Socket	F401	3F	Alpha=0	2	Female	0.0-0.0 mm	F401-3F02-CF00-0000
				3	Female	0.0-0.0 mm	F401-3F03-CF00-0000
				4	Female	0.0-0.0 mm	F401-3F04-CF00-0000
				5	Female	0.0-0.0 mm	F401-3F05-CF00-0000
				6	Female	0.0-0.0 mm	F401-3F06-CF00-0000
				7	Female	0.0-0.0 mm	F401-3F07-CF00-0000
				8	Female	0.0-0.0 mm	F401-3F08-CF00-0000
				11	Female	0.0-0.0 mm	F401-3F11-CF00-0000
				16	Female	0.0-0.0 mm	F401-3F16-CF00-0000
				19	Female	0.0-0.0 mm	F401-3F19-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Cylerconnect

Model - f402 | f series

Fixed socket (penel mounting)
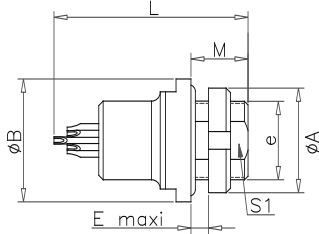
Reference		Dimensions (mm)						Availability
Model	Size	A	E	L	M	N	e	
F402	0F	12.0	3.5	20.0	6.5	18.4	M9x0.5	●
F402	1F	18.0	3.0	26.0	7.8	24.1	M12x1.0	●
F402	2F	18.0	3.0	23.0	7.0	21.1	M14x1.0	○
F402	3F	20.0	4.0	26.0	8.0	24.1	M15x1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 26 contacts

IP Index: IP50 IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed Socket	F402	0F	Alpha=0	2	Female	0.0-0.0 mm	F402-0F02-CF00-0000
				3	Female	0.0-0.0 mm	F402-0F03-CF00-0000
				4	Female	0.0-0.0 mm	F402-0F04-CF00-0000
				5	Female	0.0-0.0 mm	F402-0F05-CF00-0000
				7	Female	0.0-0.0 mm	F402-0F07-CF00-0000
Fixed Socket	F402	1F	Alpha=0	2	Female	0.0-0.0 mm	F402-1F02-CF00-0000
				3	Female	0.0-0.0 mm	F402-1F03-CF00-0000
				4	Female	0.0-0.0 mm	F402-1F04-CF00-0000
				5	Female	0.0-0.0 mm	F402-1F05-CF00-0000
				6	Female	0.0-0.0 mm	F402-1F06-CF00-0000
				7	Female	0.0-0.0 mm	F402-1F07-CF00-0000
				12	Female	0.0-0.0 mm	F402-1F12-CF00-0000
Fixed Socket	F402	2F	Alpha=0	10	Female	0.0-0.0 mm	F402-2F10-CF00-0000
				12	Female	0.0-0.0 mm	F402-2F12-CF00-0000
				19	Female	0.0-0.0 mm	F402-2F19-CF00-0000
Fixed Socket	F402	3F	Alpha=0	2	Female	0.0-0.0 mm	F402-3F02-CF00-0000
				3	Female	0.0-0.0 mm	F402-3F03-CF00-0000
				4	Female	0.0-0.0 mm	F402-3F04-CF00-0000
				5	Female	0.0-0.0 mm	F402-3F05-CF00-0000
				6	Female	0.0-0.0 mm	F402-3F06-CF00-0000
				7	Female	0.0-0.0 mm	F402-3F07-CF00-0000
				8	Female	0.0-0.0 mm	F402-3F08-CF00-0000
				11	Female	0.0-0.0 mm	F402-3F11-CF00-0000
				16	Female	0.0-0.0 mm	F402-3F16-CF00-0000
				19	Female	0.0-0.0 mm	F402-3F19-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - f403 | f series

Fixed socket (penel mounting)
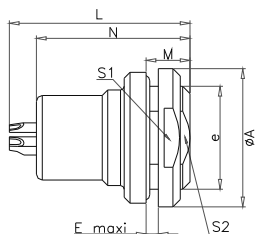
Reference		Dimensions (mm)								Availability
Model	Size	A	E	L	M	N	S1	S2	e	
F403	0F	14.0	3.0	22.0	6.5	17.0	9.0	10.5	M9x0.5	●
F403	1F	19.0	5.0	27.0	8.0	23.0	12.0	17.0	M12x1.0	●

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 26 contacts

IP Index: IP50 IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed Socket	F403	0F	Alpha=0	2	Female	0.0-0.0 mm	F403-0F02-CF00-0000
				3	Female	0.0-0.0 mm	F403-0F03-CF00-0000
				4	Female	0.0-0.0 mm	F403-0F04-CF00-0000
				5	Female	0.0-0.0 mm	F403-0F05-CF00-0000
				7	Female	0.0-0.0 mm	F403-0F07-CF00-0000
Fixed Socket	F403	1F	Alpha=0	2	Female	0.0-0.0 mm	F403-1F02-CF00-0000
				3	Female	0.0-0.0 mm	F403-1F03-CF00-0000
				4	Female	0.0-0.0 mm	F403-1F04-CF00-0000
				5	Female	0.0-0.0 mm	F403-1F05-CF00-0000
				6	Female	0.0-0.0 mm	F403-1F06-CF00-0000
				7	Female	0.0-0.0 mm	F403-1F07-CF00-0000
				12	Female	0.0-0.0 mm	F403-1F12-CF00-0000
Fixed Socket	F403	2F	Alpha=0	10	Female	0.0-0.0 mm	F403-2F10-CF00-0000
				12	Female	0.0-0.0 mm	F403-2F12-CF00-0000
				19	Female	0.0-0.0 mm	F403-2F19-CF00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

f series

45

Cylerconnect

Model - f441 | f series

Free socket with standard back nut
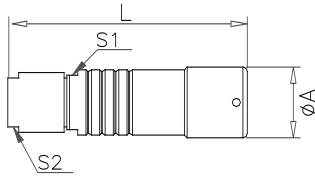
Reference		Dimensions (mm)				Availability	
Model	Size	A	L	S1	S2		
F441	0F	10.0	35.0	8.0	8.0	●	
F441	1F	12.0	43.0	10.0	10.0	●	
F441	2F	15.0	48.0	11.0	12.0	○	
F441	3F	18.0	49.0	13.0	12.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 26 contacts

IP Index: IP50 IP68

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Free Socket	F441	0F	Alpha=0	2	Female	2.0-3.0 mm	F441-0F02-CF00-0320
				2	Female	3.0-4.0 mm	F441-0F02-CF00-0420
				2	Female	4.0-5.0 mm	F441-0F02-CF00-0520
				3	Female	2.0-3.0 mm	F441-0F03-CF00-0320
				3	Female	3.0-4.0 mm	F441-0F03-CF00-0420
				3	Female	4.0-5.0 mm	F441-0F03-CF00-0520
				4	Female	2.0-3.0 mm	F441-0F04-CF00-0320
				4	Female	3.0-4.0 mm	F441-0F04-CF00-0420
				4	Female	4.0-5.0 mm	F441-0F04-CF00-0520
				5	Female	2.0-3.0 mm	F441-0F05-CF00-0320
				5	Female	3.0-4.0 mm	F441-0F05-CF00-0420
				5	Female	4.0-5.0 mm	F441-0F05-CF00-0520
				7	Female	2.0-3.0 mm	F441-0F07-CF00-0320
				7	Female	3.0-4.0 mm	F441-0F07-CF00-0420
				7	Female	4.0-5.0 mm	F441-0F07-CF00-0520
Free Socket	F441	1F	Alpha=0	2	Female	2.0-3.0 mm	F441-1F02-CF00-0320
				2	Female	3.0-4.0 mm	F441-1F02-CF00-0420
				2	Female	4.0-5.0 mm	F441-1F02-CF00-0520
				3	Female	2.0-3.0 mm	F441-1F03-CF00-0320
				3	Female	3.0-4.0 mm	F441-1F03-CF00-0420
				3	Female	4.0-5.0 mm	F441-1F03-CF00-0520
				4	Female	2.0-3.0 mm	F441-1F04-CF00-0320
				4	Female	3.0-4.0 mm	F441-1F04-CF00-0420
				4	Female	4.0-5.0 mm	F441-1F04-CF00-0520
				5	Female	2.0-3.0 mm	F441-1F05-CF00-0320
				5	Female	3.0-4.0 mm	F441-1F05-CF00-0420
				5	Female	4.0-5.0 mm	F441-1F05-CF00-0520
				6	Female	2.0-3.0 mm	F441-1F06-CF00-0320
				6	Female	3.0-4.0 mm	F441-1F06-CF00-0420
				6	Female	4.0-5.0 mm	F441-1F06-CF00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - f442 | f series

Free socket with back nut for fitting a bend relief

Reference		Dimensions (mm)				Availability	
Model	Size	A	L	S1	S2		
F442	0F	10.0	35.0	8.0	8.0	●	
F442	1F	12.0	43.0	10.0	10.0	●	
F442	2F	15.0	48.0	11.0	12.0	○	
F442	3F	18.0	49.0	13.0	12.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 2 to 40 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Free Socket	F442	0F	Alpha=0	2	Female	2.0-3.0 mm	F442-0F02-CF00-032S
					Female	3.0-4.0 mm	F442-0F02-CF00-042S
					Female	4.0-5.0 mm	F442-0F02-CF00-052S
				3	Female	2.0-3.0 mm	F442-0F03-CF00-032S
					Female	3.0-4.0 mm	F442-0F03-CF00-042S
					Female	4.0-5.0 mm	F442-0F03-CF00-052S
				4	Female	2.0-3.0 mm	F442-0F04-CF00-032S
					Female	3.0-4.0 mm	F442-0F04-CF00-042S
					Female	4.0-5.0 mm	F442-0F04-CF00-052S
				5	Female	2.0-3.0 mm	F442-0F05-CF00-032S
					Female	3.0-4.0 mm	F442-0F05-CF00-042S
					Female	4.0-5.0 mm	F442-0F05-CF00-052S
				7	Female	2.0-3.0 mm	F442-0F07-CF00-032S
					Female	3.0-4.0 mm	F442-0F07-CF00-042S
					Female	4.0-5.0 mm	F442-0F07-CF00-052S
Free Socket	F442	1F	Alpha=0	2	Female	2.0-3.0 mm	F442-1F02-CF00-032S
					Female	3.0-4.0 mm	F442-1F02-CF00-042S
					Female	4.0-5.0 mm	F442-1F02-CF00-052S
				3	Female	2.0-3.0 mm	F442-1F03-CF00-032S
					Female	3.0-4.0 mm	F442-1F03-CF00-042S
					Female	4.0-5.0 mm	F442-1F03-CF00-052S
				4	Female	2.0-3.0 mm	F442-1F04-CF00-032S
					Female	3.0-4.0 mm	F442-1F04-CF00-042S
					Female	4.0-5.0 mm	F442-1F04-CF00-052S
				5	Female	2.0-3.0 mm	F442-1F05-CF00-032S
					Female	3.0-4.0 mm	F442-1F05-CF00-042S
					Female	4.0-5.0 mm	F442-1F05-CF00-052S
				6	Female	2.0-3.0 mm	F442-1F06-CF00-032S
					Female	3.0-4.0 mm	F442-1F06-CF00-042S
					Female	4.0-5.0 mm	F442-1F06-CF00-052S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

S SERIES CONNECTORS

Model - S101 | s series

Straight plug with standard back nut
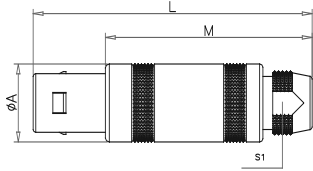
Reference		Dimensions (mm)				Availability	
Model	Size	A	L	M	S1		
S101	00	6.4	26.0	18.0	4.5	●	
S101	0S	9.0	34.5	24.5	6.5	●	
S101	1S	12.0	42.5	31.5	8.5	●	
S101	2S	14.8	52.0	40.0	11.0	○	
S101	3S	17.8	61.0	46.0	14.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 1 to 18 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	S101	00	Circular	1 * single contact	Male	1.5-2.0 mm	S101-000A-CMT0-0220
					Male	2.0-2.5 mm	S101-000A-CMT0-0250
					Male	2.5-3.0 mm	S101-000A-CMT0-0320
				1 * coaxial 50 Ω	Male	1.5-2.0 mm	S101-000C-CMT0-0220
					Male	2.0-2.5 mm	S101-000C-CMT0-0250
					Male	2.5-3.0 mm	S101-000C-CMT0-0320
				1 * coaxial 75 Ω	Male	1.5-2.0 mm	S101-000T-CMT0-0220
					Male	2.0-2.5 mm	S101-000T-CMT0-0250
					Male	2.5-3.0 mm	S101-000T-CMT0-0320
Straight plug	S101	0S	Half moon insert	2	Male/Female	2.0-3.0 mm	S101-0S02-CP00-0320
					Male/Female	3.0-4.0 mm	S101-0S02-CP00-0420
					Male/Female	4.0-5.0 mm	S101-0S02-CP00-0520
				3	Male/Female	2.0-3.0 mm	S101-0S03-CP00-0320
					Male/Female	3.0-4.0 mm	S101-0S03-CP00-0420
					Male/Female	4.0-5.0 mm	S101-0S03-CP00-0520
				4	Male/Female	2.0-3.0 mm	S101-0S04-CP00-0320
					Male/Female	3.0-4.0 mm	S101-0S04-CP00-0420
					Male/Female	4.0-5.0 mm	S101-0S04-CP00-0520
Straight plug	S101	1S	Half moon insert	2	Male/Female	2.0-3.0 mm	S101-1S02-CP00-0320
					Male/Female	3.0-4.0 mm	S101-1S02-CP00-0420
					Male/Female	4.0-5.0 mm	S101-1S02-CP00-0520
				3	Male/Female	2.0-3.0 mm	S101-1S03-CP00-0320
					Male/Female	3.0-4.0 mm	S101-1S03-CP00-0420
					Male/Female	4.0-5.0 mm	S101-1S03-CP00-0520
				4	Male/Female	2.0-3.0 mm	S101-1S04-CP00-0320
					Male/Female	3.0-4.0 mm	S101-1S04-CP00-0420
					Male/Female	4.0-5.0 mm	S101-1S04-CP00-0520
				5	Male/Female	2.0-3.0 mm	S101-1S05-CP00-0320
					Male/Female	3.0-4.0 mm	S101-1S05-CP00-0420
					Male/Female	4.0-5.0 mm	S101-1S05-CP00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Cylerconnect

Model - S102 | s series

Straight plug with back nut for fitting a bend relief
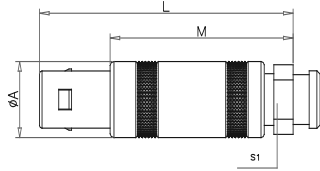
Reference		Dimensions (mm)				Availability	
Model	Size	A	L	M	S1		
S102	00	6.4	26.0	18.0	4.5	●	
S102	0S	9.0	34.5	24.5	6.5	●	
S102	1S	12.0	42.5	31.5	8.5	●	
S102	2S	14.8	52.0	40.0	11.0	○	
S102	3S	17.8	61.0	46.0	14.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 1 to 18 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	S102	00	Circular	1 * single contact	Male	1.5-2.0 mm	S102-000A-CMT0-022S
					Male	2.0-2.5 mm	S102-000A-CMT0-025S
					Male	2.5-3.0 mm	S102-000A-CMT0-032S
				1 * coaxial 50 Ω	Male	1.5-2.0 mm	S102-000C-CMT0-022S
					Male	2.0-2.5 mm	S102-000C-CMT0-025S
					Male	2.5-3.0 mm	S102-000C-CMT0-032S
				1 * coaxial 75 Ω	Male	1.5-2.0 mm	S102-000T-CMT0-022S
					Male	2.0-2.5 mm	S102-000T-CMT0-025S
					Male	2.5-3.0 mm	S102-000T-CMT0-032S
Straight plug	S102	0S	Half moon insert	2	Male/Female	2.0-3.0 mm	S102-0S02-CP00-032S
					Male/Female	3.0-4.0 mm	S102-0S02-CP00-042S
					Male/Female	4.0-5.0 mm	S102-0S02-CP00-052S
				3	Male/Female	2.0-3.0 mm	S102-0S03-CP00-032S
					Male/Female	3.0-4.0 mm	S102-0S03-CP00-042S
					Male/Female	4.0-5.0 mm	S102-0S03-CP00-052S
				4	Male/Female	2.0-3.0 mm	S102-0S04-CP00-032S
					Male/Female	3.0-4.0 mm	S102-0S04-CP00-042S
					Male/Female	4.0-5.0 mm	S102-0S04-CP00-052S
Straight plug	S102	1S	Half moon insert	2	Male/Female	2.0-3.0 mm	S102-1S02-CP00-032S
					Male/Female	3.0-4.0 mm	S102-1S02-CP00-042S
					Male/Female	4.0-5.0 mm	S102-1S02-CP00-052S
				3	Male/Female	2.0-3.0 mm	S102-1S03-CP00-032S
					Male/Female	3.0-4.0 mm	S102-1S03-CP00-042S
					Male/Female	4.0-5.0 mm	S102-1S03-CP00-052S
				4	Male/Female	2.0-3.0 mm	S102-1S04-CP00-032S
					Male/Female	3.0-4.0 mm	S102-1S04-CP00-042S
					Male/Female	4.0-5.0 mm	S102-1S04-CP00-052S
				5	Male/Female	2.0-3.0 mm	S102-1S05-CP00-032S
					Male/Female	3.0-4.0 mm	S102-1S05-CP00-042S
					Male/Female	4.0-5.0 mm	S102-1S05-CP00-052S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - S401 | s series

Fixed socket (back panel mounting)
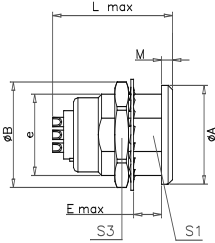
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	N	S1	S3	e	
S401	00	8.0	10.3	5.5	14.5	1.0	12.7	6.3	9.0	M7x0.5	●
S401	0S	10.0	12.5	7.0	17.5	1.2	16.0	8.2	11.0	M9x0.5	●
S401	1S	14.0	16.0	7.5	20.2	1.5	18.3	10.5	14.0	M12x1.0	●
S401	2S	18.0	19.5	8.5	24.5	1.8	22.4	13.5	17.0	M15x1.0	○
S401	3S	22.0	25.2	11.5	29.0	2.0	26.1	16.5	22.0	M18x1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 1 to 18 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	S401	00	Circular	1	Female	0.0-0.0 mm	S401-000A-CFT0-0000
				1	Female	0.0-0.0 mm	S401-000C-CFT0-0000
				1	Female	0.0-0.0 mm	S401-000T-CFT0-0000
Fixed socket	S401	0S	Half moon insert	2	Male/Female	0.0-0.0 mm	S401-0S02-CP00-0000
				3	Male/Female	0.0-0.0 mm	S401-0S03-CP00-0000
				4	Male/Female	0.0-0.0 mm	S401-0S04-CP00-0000
Fixed socket	S401	1S	Half moon insert	2	Male/Female	0.0-0.0 mm	S401-1S02-CP00-0000
				3	Male/Female	0.0-0.0 mm	S401-1S03-CP00-0000
				4	Male/Female	0.0-0.0 mm	S401-1S04-CP00-0000
				5	Male/Female	0.0-0.0 mm	S401-1S05-CP00-0000
				6	Male/Female	0.0-0.0 mm	S401-1S06-CP00-0000
Fixed socket	S401	2S	Half moon insert	2	Male/Female	0.0-0.0 mm	S401-2S02-CP00-0000
				3	Male/Female	0.0-0.0 mm	S401-2S03-CP00-0000
				4	Male/Female	0.0-0.0 mm	S401-2S04-CP00-0000
				5	Male/Female	0.0-0.0 mm	S401-2S05-CP00-0000
				6	Male/Female	0.0-0.0 mm	S401-2S06-CP00-0000
				7	Male/Female	0.0-0.0 mm	S401-2S07-CP00-0000
				8	Male/Female	0.0-0.0 mm	S401-2S08-CP00-0000
				10	Male/Female	0.0-0.0 mm	S401-2S10-CP00-0000
Fixed socket	S401	3S	Half moon insert	2	Male/Female	0.0-0.0 mm	S401-3S02-CP00-0000
				3	Male/Female	0.0-0.0 mm	S401-3S03-CP00-0000
				4	Male/Female	0.0-0.0 mm	S401-3S04-CP00-0000
				5	Male/Female	0.0-0.0 mm	S401-3S05-CP00-0000
				6	Male/Female	0.0-0.0 mm	S401-3S06-CP00-0000
				7	Male/Female	0.0-0.0 mm	S401-3S07-CP00-0000
				8	Male/Female	0.0-0.0 mm	S401-3S08-CP00-0000
				10	Male/Female	0.0-0.0 mm	S401-3S10-CP00-0000
				12	Male/Female	0.0-0.0 mm	S401-3S12-CP00-0000
				14	Male/Female	0.0-0.0 mm	S401-3S14-CP00-0000
				16	Male/Female	0.0-0.0 mm	S401-3S16-CP00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Data subject to change | www.cylertech.com

Model - S404 | s series

Fixed socket with two nuts (panel mounting)
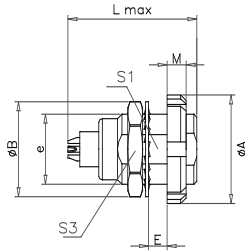
Reference		Dimensions (mm)									Availability
Model	Size	A	B	E	L	M	N	S1	S3	e	
S404	0S	12.0	12.5	5.5	17.5	2.5	16.0	8.2	11.0	M9x0.5	●
S404	1S	16.0	16.0	6.0	20.2	3.5	18.3	10.5	14.0	M12x1.0	●
S404	2S	20.0	19.5	6.5	24.5	3.5	22.4	13.5	17.0	M15x1.0	○
S404	3S	24.0	25.2	9.0	29.0	4.5	26.1	16.5	22.0	M18x1.0	○

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 1 to 18 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	S404	0S	Half moon insert	2	Male/Female	0.0-0.0 mm	S404-0S02-CP00-0000
				3	Male/Female	0.0-0.0 mm	S404-0S03-CP00-0000
				4	Male/Female	0.0-0.0 mm	S404-0S04-CP00-0000
Fixed socket	S404	1S	Half moon insert	2	Male/Female	0.0-0.0 mm	S404-1S02-CP00-0000
				3	Male/Female	0.0-0.0 mm	S404-1S03-CP00-0000
				4	Male/Female	0.0-0.0 mm	S404-1S04-CP00-0000
				5	Male/Female	0.0-0.0 mm	S404-1S05-CP00-0000
				6	Male/Female	0.0-0.0 mm	S404-1S06-CP00-0000
Fixed socket	S404	2S	Half moon insert	2	Male/Female	0.0-0.0 mm	S404-2S02-CP00-0000
				3	Male/Female	0.0-0.0 mm	S404-2S03-CP00-0000
				4	Male/Female	0.0-0.0 mm	S404-2S04-CP00-0000
				5	Male/Female	0.0-0.0 mm	S404-2S05-CP00-0000
				6	Male/Female	0.0-0.0 mm	S404-2S06-CP00-0000
				7	Male/Female	0.0-0.0 mm	S404-2S07-CP00-0000
				8	Male/Female	0.0-0.0 mm	S404-2S08-CP00-0000
				10	Male/Female	0.0-0.0 mm	S404-2S10-CP00-0000
Fixed socket	S404	3S	Half moon insert	2	Male/Female	0.0-0.0 mm	S404-3S02-CP00-0000
				3	Male/Female	0.0-0.0 mm	S404-3S03-CP00-0000
				4	Male/Female	0.0-0.0 mm	S404-3S04-CP00-0000
				5	Male/Female	0.0-0.0 mm	S404-3S05-CP00-0000
				6	Male/Female	0.0-0.0 mm	S404-3S06-CP00-0000
				7	Male/Female	0.0-0.0 mm	S404-3S07-CP00-0000
				8	Male/Female	0.0-0.0 mm	S404-3S08-CP00-0000
				10	Male/Female	0.0-0.0 mm	S404-3S10-CP00-0000
				12	Male/Female	0.0-0.0 mm	S404-3S12-CP00-0000
				14	Male/Female	0.0-0.0 mm	S404-3S14-CP00-0000
				16	Male/Female	0.0-0.0 mm	S404-3S16-CP00-0000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - S441 | s series

Free socket with standard back nut
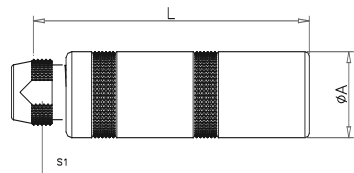
Reference		Dimensions (mm)			Availability	
Model	Size	A	L	S1		
S441	00	6.5	25.0	4.5	●	
S441	0S	8.9	33.5	6.5	●	
S441	1S	11.9	40.5	8.5	●	
S441	2S	14.8	50.5	11.0	○	
S441	3S	17.8	59.0	14.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 1 to 18 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Free socket	S441	00	Circular	1 * single contact	Female	1.5-2.0 mm	S441-000A-CFT0-0220
					Female	2.0-2.5 mm	S441-000A-CFT0-0250
					Female	2.5-3.0 mm	S441-000A-CFT0-0320
				1 * coaxial 50 Ω	Female	1.5-2.0 mm	S441-000C-CFT0-0220
					Female	2.0-2.5 mm	S441-000C-CFT0-0250
					Female	2.5-3.0 mm	S441-000C-CFT0-0320
				1 * coaxial 75 Ω	Female	1.5-2.0 mm	S441-000T-CFT0-0220
					Female	2.0-2.5 mm	S441-000T-CFT0-0250
					Female	2.5-3.0 mm	S441-000T-CFT0-0320
Free socket	S441	0S	Half moon insert	2	Male/Female	2.0-3.0 mm	S441-0S02-CP00-0320
					Male/Female	3.0-4.0 mm	S441-0S02-CP00-0420
					Male/Female	4.0-5.0 mm	S441-0S02-CP00-0520
				3	Male/Female	2.0-3.0 mm	S441-0S03-CP00-0320
					Male/Female	3.0-4.0 mm	S441-0S03-CP00-0420
					Male/Female	4.0-5.0 mm	S441-0S03-CP00-0520
				4	Male/Female	2.0-3.0 mm	S441-0S04-CP00-0320
					Male/Female	3.0-4.0 mm	S441-0S04-CP00-0420
					Male/Female	4.0-5.0 mm	S441-0S04-CP00-0520
Free socket	S441	1S	Half moon insert	2	Male/Female	2.0-3.0 mm	S441-1S02-CP00-0320
					Male/Female	3.0-4.0 mm	S441-1S02-CP00-0420
					Male/Female	4.0-5.0 mm	S441-1S02-CP00-0520
				3	Male/Female	2.0-3.0 mm	S441-1S03-CP00-0320
					Male/Female	3.0-4.0 mm	S441-1S03-CP00-0420
					Male/Female	4.0-5.0 mm	S441-1S03-CP00-0520
				4	Male/Female	2.0-3.0 mm	S441-1S04-CP00-0320
					Male/Female	3.0-4.0 mm	S441-1S04-CP00-0420
					Male/Female	4.0-5.0 mm	S441-1S04-CP00-0520
				5	Male/Female	2.0-3.0 mm	S441-1S05-CP00-0320
					Male/Female	3.0-4.0 mm	S441-1S05-CP00-0420
					Male/Female	4.0-5.0 mm	S441-1S05-CP00-0520

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - S442 | s series

Free socket with back nut for fitting a bend relief
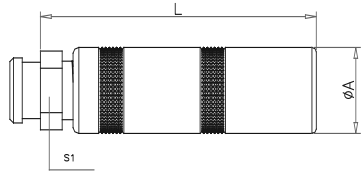
Reference		Dimensions (mm)			Availability	
Model	Size	A	L	S1		
S442	00	6.5	25.0	4.5	●	
S442	0S	8.9	33.5	6.5	●	
S442	1S	11.9	40.5	8.5	●	
S442	2S	14.8	50.5	11.0	○	
S442	3S	17.8	59.0	14.0	○	

Materials

Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces

Temperature range

-40°C / +200°C

Multicontact types 1 to 18 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Free socket	S442	00	Circular	1 * single contact	Female	1.5-2.0 mm	S442-000A-CFT0-022S
					Female	2.0-2.5 mm	S442-000A-CFT0-025S
					Female	2.5-3.0 mm	S442-000A-CFT0-032S
				1 * coaxial 50 Ω	Female	1.5-2.0 mm	S442-000C-CFT0-022S
					Female	2.0-2.5 mm	S442-000C-CFT0-025S
					Female	2.5-3.0 mm	S442-000C-CFT0-032S
				1 * coaxial 75 Ω	Female	1.5-2.0 mm	S442-000T-CFT0-022S
					Female	2.0-2.5 mm	S442-000T-CFT0-025S
					Female	2.5-3.0 mm	S442-000T-CFT0-032S
Free socket	S442	0S	Half moon insert	2	Male/Female	2.0-3.0 mm	S442-0S02-CP00-032S
					Male/Female	3.0-4.0 mm	S442-0S02-CP00-042S
					Male/Female	4.0-5.0 mm	S442-0S02-CP00-052S
				3	Male/Female	2.0-3.0 mm	S442-0S03-CP00-032S
					Male/Female	3.0-4.0 mm	S442-0S03-CP00-042S
					Male/Female	4.0-5.0 mm	S442-0S03-CP00-052S
				4	Male/Female	2.0-3.0 mm	S442-0S04-CP00-032S
					Male/Female	3.0-4.0 mm	S442-0S04-CP00-042S
					Male/Female	4.0-5.0 mm	S442-0S04-CP00-052S
Free socket	S442	1S	Half moon insert	2	Male/Female	2.0-3.0 mm	S442-1S02-CP00-032S
					Male/Female	3.0-4.0 mm	S442-1S02-CP00-042S
					Male/Female	4.0-5.0 mm	S442-1S02-CP00-052S
				3	Male/Female	2.0-3.0 mm	S442-1S03-CP00-032S
					Male/Female	3.0-4.0 mm	S442-1S03-CP00-042S
					Male/Female	4.0-5.0 mm	S442-1S03-CP00-052S
				4	Male/Female	2.0-3.0 mm	S442-1S04-CP00-032S
					Male/Female	3.0-4.0 mm	S442-1S04-CP00-042S
					Male/Female	4.0-5.0 mm	S442-1S04-CP00-052S
				5	Male/Female	2.0-3.0 mm	S442-1S05-CP00-032S
					Male/Female	3.0-4.0 mm	S442-1S05-CP00-042S
					Male/Female	4.0-5.0 mm	S442-1S05-CP00-052S

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

B K Series Multicontacts Layouts & Characteristics

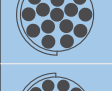|	Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	R (max.)	Test voltage (V rms) Contact-contact	Test voltage (V rms) Contact-shell	Current rating (A)	Contact type availability		
											Solder	Printed circuit (straight)	Printed circuit (elbow)
00			02	2	0.5	30	10	1000	950	5.0	●	●	○
			03	3	0.5	30	10	800	950	3.0	●	●	○
			04	4	0.5	30	10	800	650	2.0	●	●	○
0B / 0K			02	2	0.9	24	6	1300	1050	10.0	●	●	○
			03	3	0.9	24	6	1200	900	8.0	●	●	○
			04	4	0.7	26	7.5	850	700	7.0	●	●	○
			05	5	0.7	26	7.5	1000	700	6.5	●	●	○
			06	6	0.5	28	10	850	650	2.5	●	●	○
			07	7	0.5	28	10	800	700	2.5	●	●	○
			09	9	0.5	28	10	600	500	2.0	●	●	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

B & K

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B K Series Multicontacts Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	R (max.)	Test voltage (V rms) Contact-contact	Test voltage (V rms) Contact-shell	Current rating (A)	Contact type availability		
											Solder	Printed circuit (straight)	Printed circuit (elbow)
1B / 1K			02	2	1.3	20	5	1500	1350	15.0	●	●	○
			03	3	1.3	20	5	1300	1550	12.0	●	●	○
			04	4	0.9	24	6	1350	1450	10.0	●	●	○
			05	5	0.9	24	6	1250	1150	9.0	●	●	○
			06	6	0.7	26	7.5	1050	1200	7.0	●	●	○
			07	7	0.7	26	7.5	950	1050	7.0	●	●	○
			08	8	0.7	26	7.5	950	1150	5.0	●	●	○
			10	10	0.5	28	10	900	1500	2.5	●	●	○
			14	14	0.5	28	10	800	1200	2.0	●	●	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

B K Series Multicontacts Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	R (max.)	Test voltage (V rms) Contact-contact	Test voltage (V rms) Contact-shell	Current rating (A)	Solder	Printed circuit (straight)	Printed circuit (elbow)
2B / 2K			02	2	2.0	16	3	2100	1750	30.0	●	●	○
			03	3	1.6	18	4	2400	1850	17.0	●	●	○
			04	4	1.3	20	5	1850	1850	15.0	●	●	○
			05	5	1.3	20	5	1750	1600	14.0	●	●	○
			06	6	1.3	20	5	1350	1450	12.0	●	●	○
			07	7	1.3	20	5	1750	1600	11.0	●	●	○
			08	8	0.9	24	6	1500	1250	10.0	●	●	○
			10	10	0.9	24	6	1450	1300	8.0	●	●	○
			12	12	0.7	26	7.5	1250	1350	7.0	●	●	○
			14	14	0.7	26	7.5	1150	1350	6.5	●	●	○
			16	16	0.7	26	7.5	950	1250	6.0	●	●	○
			18	18	0.7	26	7.5	850	1200	5.5	●	●	○
			19	19	0.7	26	7.5	950	1250	5.0	●	●	○
			26	26	0.5	28	10	950	1300	2.0	●	●	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

B & K
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B K Series Multicontacts Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	R (max.)	Test voltage (V rms) Contact-contact	Test voltage (V rms) Contact-shell	Current rating (A)	Contact type availability		
											Solder	Printed circuit (straight)	Printed circuit (elbow)
3B / 3K			02	2	3.0	10	2	2100	1550	35.0	○	○	○
			03	3	2.0	16	3	1900	1500	25.0	○	○	○
			04	4	2.0	16	3	1450	1250	19.0	○	○	○
			05	5	1.6	18	4	1900	1250	19.0	○	○	○
			06	6	1.6	18	4	1600	1150	17.0	○	○	○
			07	7	1.6	18	4	1700	1250	15.0	○	○	○
			08	8	1.3	20	5	1650	1150	13.0	○	○	○
			10	10	1.3	20	5	1250	900	12.0	●	○	○
			12	12	0.9	24	6	1450	1000	9.0	●	○	○
			14	14	0.9	24	6	1200	1200	9.0	○	○	○
			16	16	0.9	24	6	1200	850	8.0	○	○	○
			18	18	0.9	24	6	1200	1050	7.0	●	○	○
			20	20	0.7	26	7.5	1000	900	6.0	○	○	○
			22	22	0.7	26	7.5	1000	900	5.5	○	○	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

B K Series Multicontacts Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	R (max.)	Test voltage (V rms) Contact-contact	Test voltage (V rms) Contact-shell	Current rating (A)	Contact type availability		
											Solder	Printed circuit (straight)	Printed circuit (elbow)
3B / 3K			24	24	0.7	26	7.5	950	800	4.0	○	○	○
			26	26	0.7	26	7.5	950	700	4.0	●	○	○
4B/4K			04	4	3.0	10	2	2100	1500	30.0	○	○	○
			06	6	2.0	16	3	2000	1750	24.0	○	○	○
			07	7	2.0	16	3	2000	1800	20.0	○	○	○
			10	10	1.6	18	4	1850	1300	17.0	○	○	○
			12	12	1.3	20	5	1450	1600	12.0	○	○	○
			16	16	0.9	24	6	1350	1500	10.0	○	○	○
			20	20	0.9	24	6	1350	1000	8.0	○	○	○
			24	24	0.9	24	6	1200	1450	7.0	○	○	○
			30	30	0.9	24	6	950	850	5.0	○	○	○
			40	40	0.7	26	7.5	900	950	2.0	○	○	○
			48	48	0.7	26	7.5	700	700	1.5	○	○	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

B & K

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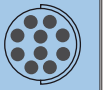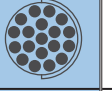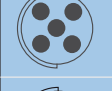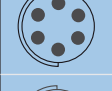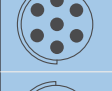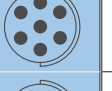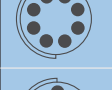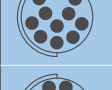
F Series Multicontacts Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	Test voltage (V)	Working voltage (V)	Current rating (A)	Contact type availability		
										Solder	Printed circuit (straight)	Printed circuit (elbow)
0F			02	2	0.9	22	1500	500	10	●	●	○
			03	3	0.9	22	1200	400	10	●	●	○
			04	4	0.7	24	900	300	7	●	●	○
			05	5	0.7	24	1100	366	7	●	●	○
			07	7	0.5	26	900	300	5	●	●	○
1F			02	2	1.3	18	1650	550	14	●	●	○
			03	3	1.3	18	1500	500	14	●	●	○
			04	4	0.9	22	1500	500	10	●	●	○
			05	5	0.9	22	1350	450	10	●	●	○
			06	6	0.7	24	1200	400	7	●	●	○
			07	7	0.7	24	1200	400	7	●	●	○
			08	8	0.7	24	1200	400	7	●	●	○
			12	12	0.5	28	1100	366	5	●	●	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

F Series Multicontacts Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	⌀ A (mm)	Solder wire max.(AWG)	Test voltage (V)	Working voltage (V)	Current rating (A)	Contact type availability		
										Solder	Printed circuit (straight)	Printed circuit (elbow)
2F			10	10	0.7	24	1200	400	7	●	●	○
			12	12	0.7	24	1200	400	7	●	●	○
			19	19	0.5	28	1100	333	5	●	●	○
3F			02	2	1.6	14	2200	800	20	●	●	○
			03	3	1.6	14	2000	750	18	●	●	○
			04	4	1.3	18	2200	550	15	●	●	○
			05	5	1.3	18	1500	500	14	●	●	○
			06	6	0.9	22	1800	600	10	●	●	○
			07	7	0.9	22	1450	500	8	●	●	○
			08	8	0.9	22	1450	500	8	●	●	○
			11	11	0.9	22	1350	450	10	●	●	○
			16	16	0.7	24	1350	450	7	●	●	○
			19	19	0.7	224	1200	400	7	●	●	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

f series

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S Series Multicontacts Layouts & Characteristics

		Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	Test voltage (V rms) Contact-contact	Test voltage (V rms) Contact-shell	Current rating (A)	Contact type availability		
											Solder	Printed circuit (straight)	Printed circuit (elbow)
0S		◉	◯	02	2	0.9	24	1500	2100	10.0	●	○	○
				03	3	0.9	24	1000	1500	7.0	●	○	○
				04	4	0.7	26	1000	1500	7.0	●	○	○
1S				02	2	1.3	20	1200	1800	15.0	●	○	○
				03	3	0.9	24	1200	1800	10.0	●	○	○
				04	4	0.9	24	1200	1800	10.0	●	○	○
				05	2 3	0.9 0.7	24 26	1500	2100	10.0 7.0	●	○	○
				06	6	0.7	26	1500	2100	7.0	●	○	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

S Series Multicontacts Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	Test voltage (V rms) Contact-contact	Test voltage (V rms) Contact-shell	Current rating (A)	Contact type availability		
										Solder	Printed circuit (straight)	Printed circuit (elbow)
2S			02	2	1.6	18	1700	2400	20.0	●	○	○
			03	3	1.3	20	1500	2100	15.0	●	○	○
			04	4	1.3	20	1700	2400	15.0	●	○	○
			05	5	1.3	20	1500	2100	13.0	●	○	○
			06	6	1.3	20	1500	2100	12.0	●	○	○
			07	7	1.3 0.9	20 24	800	1200	12.0 9.0	●	○	○
			08	8	0.9	24	800	1200	9.0	●	○	○
			10	10	0.9	24	800	1200	7.0	●	○	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

s series

63

S Series single contact Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	⌀ A (mm)	Test voltage (V rms) Contact-contact	Test voltage (V rms) Contact-shell	Current rating (A)	Contact type availability		
									Solder	Printed circuit (straight)	Printed circuit (elbow)
00	⊚	⊚	0A	1	1.3	800	1200	8.0	●	○	○
0S	⊚	⊚	0A	1	1.6	1500	2100	12.0	●	○	○
1S	⊚	⊚	0A	1	2.0	1800	2700	18.0	●	○	○
	⊚	⊚	0A	1	3.0	1500	2100	25.0	●	○	○
2S	⊚	⊚	0A	1	3.0	2100	3000	30.0	●	○	○
	⊚	⊚	0A	1	4.0	1800	2400	40.0	●	○	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.
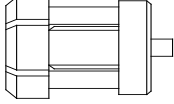
S Series Coaxial contacts Layouts & Characteristics

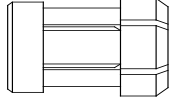|	Male soldr contact	Female solder contact	Reference	Impedance	VSWR (GHz)	AC (V)	DC (V)	Current rating (A)	Contact type availability		
									Solder	Printed circuit (straight)	Printed circuit (elbow)
00	⊙	⊙	0C	50	1.09 +.11f	2100	3000	4.0	●	○	○
0S	⊙	⊙	0C	50	1.02 +.25f	3000	4200	6.0	●	○	○
1S	⊙	⊙	0C	50	1.01 +.08f	3000	4200	12.0	●	○	○
	⊙	⊙	0T	75	1.02 +.08f	2400	3300	10.0	●	○	○
2S	⊙	⊙	0C	50	1.02 +.95f	3000	4200	15.0	●	○	○
	⊙	⊙	0T	75	1.02 +.03f	1500	2100	12.0	●	○	○

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

s series

65

B Series Cable Collets

	Code	Cable ø (mm)		Availability						Part Number of Collet	
		min.	max.	00	0B	1B	2B	3B	4B		
	22	1.5	2.0	●							
	25	2.0	2.5	●							
	32	2.5	3.0	●							
	35	3.0	3.5	●							
	32	2.0	3.0		●	●	○	○	○		
	42	3.0	4.0		●	●	●	○	○		
	52	4.0	5.0		●	●	●	●	○		
	62	5.0	6.0			●	●	●	○		
	72	6.0	7.0			●	●	●	○		
	82	7.0	8.0				●	●	○		
	92	8.0	9.0				●	●	○		
	02	9.0	10.0				○	●	○		
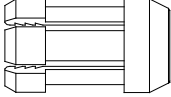
K Series Cable Collets

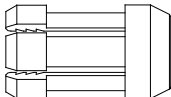|	Code	Cable ø (mm)		Availability						Part Number of Collet	
		min.	max.	0K	1K	2K	3K	4K	5K		
	20	1.5	2.0	○							
	25	2.0	2.5	○							
	30	2.5	3.0	●	○						
	35	3.0	3.5	●	○						
	40	3.5	4.0	●	●	●	○	○	○		
	45	4.0	4.5	●	●	●	○	○	○		
	50	4.0	5.0	●	●	●	○	○	○		
	55	5.0	5.5		●	●	○	○	○		
	60	5.5	6.0		●	●	○	○	○		
	65	6.0	6.5		●	●	○	○	○		
	70	6.5	7.0		●	●	○	○	○		
	75	7.0	7.5		○	●	○	○	○		
	80	7.5	8.0			●	○	○	○		
	85	8.0	8.5			○	○	○	○		
	90	8.5	9.0			○	○	○	○		

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
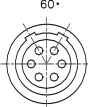○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

F Series Cable Collets

Code	Cable ø (mm)		Availability						Part Number of Collet	
	min.	max.	0F	1F	2F	3F				
32	2.0	3.0	●	○						
42	3.0	4.0	●	●						
52	4.0	5.0	●	●						
62	5.0	6.0	●	●	○	○				
72	6.0	7.0		●	○	○				
82	7.0	8.0			○	○				
92	8.0	9.0			○	○				
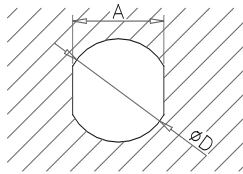
S Series Cable Collets

Code	Cable ø (mm)		Availability						Part Number of Collet	
	min.	max.	00	0S	1S	2S	3S			
22	1.5	2.0	●							
25	2.0	2.5	●							
32	2.5	3.0	●							
35	3.0	3.5	●							
32	2.0	3.0		●	○	○	○			
42	3.0	4.0		●	●	○	○			
52	4.0	5.0		●	●	○	○			
62	5.0	6.0			●	○	○			
72	6.0	7.0			○	○	○			
82	7.0	8.0				○	○			
92	8.0	9.0				○	○			
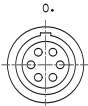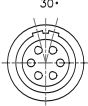
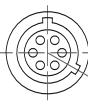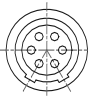● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.
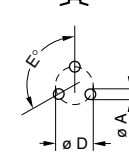
B K S F Series Panel Cut-Outs

	b series						k series					s seires					f series				
	00	0B	1B	2B	3B	4B	0K	1K	2K	3K	4K	00	0S	1S	2S	3S	0F	1F	2F	3F	4F
A	6.4	8.3	10.6	13.6	16.6	23.6	12.6	14.6	18.6	22.6	28.6	6.4	8.3	10.6	13.6	16.6	8.3	10.1	12.1	14.2	16.6
D	7.1	9.1	12.1	15.1	18.2	25.2	14.1	16.1	20.2	24.2	30.2	7.1	9.1	12.1	15.1	18.2	9.1	12.1	14.1	15.1	18.1

Note: all dimensions are in millimeters

B K S F Series Alignment Key and Polarized Keying System
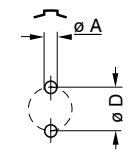
Front view of a receptacle	code	b series						k series					s seires					f series				
		00	0B	1B	2B	3B	4B	0K	1K	2K	3K	4K	00	0S	1S	2S	3S	0F	1F	2F	3F	4F
0·	0	●	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●	●	●	●
30·	A	○	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
60·	B	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
90·	D	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
120·	F	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
−45·	J	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○

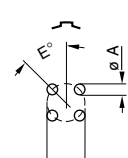● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.
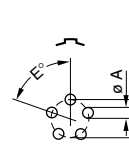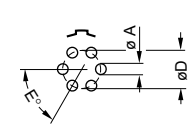
PCB Drilling Patterns

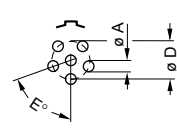Fixed socket with straight printed circuit contact (B & K series)

02

Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
00		0.6	1.2		2
0B	0K	0.8	2.2		2
1B	1K	0.8	2.8		2
2B	2K	0.8	4.4		2
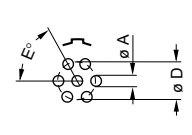
03

Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
00		0.6	1.35	120	3
0B	0K	0.8	2.3	120	3
1B	1K	0.8	3.0	120	3
2B	2K	0.8	4.6	120	3
3B	3K	0.8	5.6	120	3
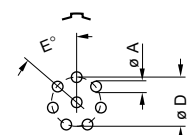
04

Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
00		0.6	1.6	45	4
0B	0K	0.6	2.5	45	4
1B	1K	0.8	3.1	45	4
2B	2K	0.8	5.0	45	4
3B	3K	0.8	6.2	45	4
				45	4
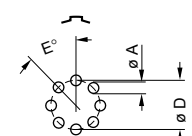
05

Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
0B	0K	0.6	2.8	72	5
1B	1K	0.8	3.4	72	5
2B	2K	0.8	5.2	72	5

06
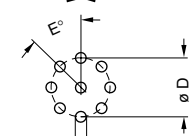
Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
0B	0K	0.6	3.0	60	6
1B	1K	0.8	3.7	60	6

06

Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
2B	2K	0.8	5.6	72	6

07

Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
0B	0K	0.6	3.0	60	7
1B	1K	0.8	3.7	60	7
2B	2K	0.8	5.8	60	

08

Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
1B	1K	0.8	3.8	51.26	8

08
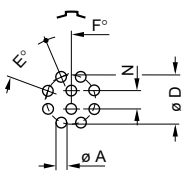
Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
2B	2K	0.8	6.4	45	8
3B	3K	0.8	7.5	45	8
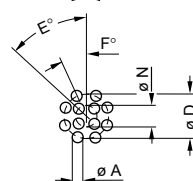
09

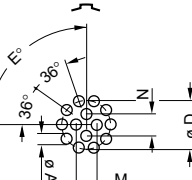| Size		Dimensions (mm)			Number of pole
b series	k series	A	D	E°	
3B	3K	0.8	7.5	45	9

Note: All views are from the side of the receptacle.

B & K

69
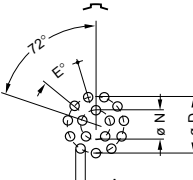
PCB Drilling Patterns
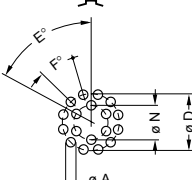
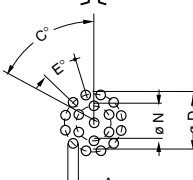Fixed socket with straight printed circuit contact (B & K series)

10

Size		Dimensions (mm)					Number
B	K	A	D	E	F	N	of pole
1B	1K	0.6	3.95	45	22.3	1.4	10
2B	2K	0.8	6.2	45	22.3	2.5	10
3B	3K	0.8	7.9	45	22.3	2.8	10

12

Size		Dimensions (mm)					Number
B	K	A	D	E	F	N	of pole
2B	2K	0.8	6.5	45	22.3	2.8	12
3B	3K	0.8	8.2	45	22.3	3.4	12

14

Size		Dimensions (mm)					Number
B	K	A	D	E	N	M	of pole
1B	1K	0.6	4.4	90	1.9	1.8	14
2B	2K	0.8	6.5	90	2.65	2.65	14
3B	3K	0.8	8.2	90	3.4	3.4	14

16

Size		Dimensions (mm)				Number
B	K	A	D	E	N	of pole
1B	1K	0.6	4.4	32.44	2.0	
2B	2K	0.8	6.6	32.44	3.1	
3B	3K	0.8	8.4	32.44	3.86	

18

Size		Dimensions (mm)					Number
B	K	A	D	E	F	N	of pole
2B	2K	0.8	6.7	60	30	3.5	18
3B	3K	0.8	8.4	60	30	4.34	18

19

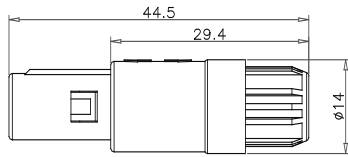| Size		Dimensions (mm)					Number
B	K	A	D	E	F	N	of pole
2B	2K	0.8	6.7	60	30	3.5	19

Note: All views are from the side of the receptacle.

P SERIES CONNECTORS

Model - P101 | p series

Straight plug with standard back nut

44.5
29.4
ø14

Note: all dimensions are in millimeters

Reference		Dimensions (mm)					Availability	
Model	Size							
P101	1P	mm	mm	mm	mm	mm	●	

Materials

Polycarbonate (PC) or Polyarylsulfones (PSU) plastic shell and collet nut, housing available on grey, black and white color.

Temperature range

-40°C / +150°C

Multicontact types 2 to 14 contacts

IP Index: IP50 IP64

Ordering Information / Model number example

Type	Model	Size	Color of Shell	Color of back nut	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	P101	1P	grey	blue	Alpha=0	2	Male	3.0-4.0 mm	P101-1P02-CM00-042A
							Male	4.0-5.0 mm	P101-1P02-CM00-052A
							Male	5.0-6.0 mm	P101-1P02-CM00-065A
						3	Male	3.0-4.0 mm	P101-1P03-CM00-042A
							Male	4.0-5.0 mm	P101-1P03-CM00-052A
							Male	5.0-6.0 mm	P101-1P03-CM00-065A
						4	Male	3.0-4.0 mm	P101-1P04-CM00-042A
							Male	4.0-5.0 mm	P101-1P04-CM00-052A
							Male	5.0-6.0 mm	P101-1P04-CM00-065A
						5	Male	3.0-4.0 mm	P101-1P05-CM00-042A
							Male	4.0-5.0 mm	P101-1P05-CM00-052A
							Male	5.0-6.0 mm	P101-1P05-CM00-065A
						6	Male	3.0-4.0 mm	P101-1P06-CM00-042A
							Male	4.0-5.0 mm	P101-1P06-CM00-052A
							Male	5.0-6.0 mm	P101-1P06-CM00-065A
						7	Male	3.0-4.0 mm	P101-1P07-CM00-042A
							Male	4.0-5.0 mm	P101-1P07-CM00-052A
							Male	5.0-6.0 mm	P101-1P07-CM00-065A
						8	Male	3.0-4.0 mm	P101-1P08-CM00-042A
							Male	4.0-5.0 mm	P101-1P08-CM00-052A
							Male	5.0-6.0 mm	P101-1P08-CM00-065A
						9	Male	3.0-4.0 mm	P101-1P09-CM00-042A
							Male	4.0-5.0 mm	P101-1P09-CM00-052A
							Male	5.0-6.0 mm	P101-1P09-CM00-065A
						10	Male	3.0-4.0 mm	P101-1P10-CM00-042A
							Male	4.0-5.0 mm	P101-1P10-CM00-052A
							Male	5.0-6.0 mm	P101-1P10-CM00-065A
						14	Male	3.0-4.0 mm	P101-1P14-CM00-042A
							Male	4.0-5.0 mm	P101-1P14-CM00-052A
							Male	5.0-6.0 mm	P101-1P14-CM00-065A

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
O Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.
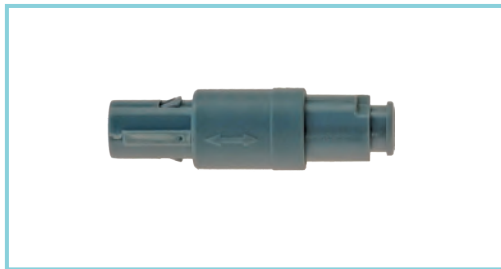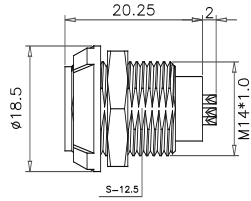
P series

72

Model - P102 | p series

Strsight plug with back nut for fitting a bend relief

44 5
29 4
Ø14
S1=9.0

Note: all dimensions are in millimeters

Reference		Dimensions (mm)					Availability	
Model	Size							
P102	1P	mm	mm	mm	mm	mm	●	

Materials

Polycarbonate (PC) or Polyarylsulfones (PSU) plastic shell and collet nut, housing available on grey, black and white color.

Temperature range

-40°C / +150°C

Multicontact types 2 to 14 contacts

IP Index: IP50 IP64
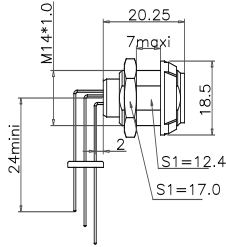
Ordering Information / Model number example

Type	Model	Size	Color of Shell	Color of back nut	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Straight plug	P102	1P	grey	grey	Alpha=0	2	Male	3.0-4.0 mm	P102-1P02-CM00-042A
							Male	4.0-5.0 mm	P102-1P02-CM00-052A
							Male	5.0-6.0 mm	P102-1P02-CM00-065A
						3	Male	3.0-4.0 mm	P102-1P03-CM00-042A
							Male	4.0-5.0 mm	P102-1P03-CM00-052A
							Male	5.0-6.0 mm	P102-1P03-CM00-065A
						4	Male	3.0-4.0 mm	P102-1P04-CM00-042A
							Male	4.0-5.0 mm	P102-1P04-CM00-052A
							Male	5.0-6.0 mm	P102-1P04-CM00-065A
						5	Male	3.0-4.0 mm	P102-1P05-CM00-042A
							Male	4.0-5.0 mm	P102-1P05-CM00-052A
							Male	5.0-6.0 mm	P102-1P05-CM00-065A
						6	Male	3.0-4.0 mm	P102-1P06-CM00-042A
							Male	4.0-5.0 mm	P102-1P06-CM00-052A
							Male	5.0-6.0 mm	P102-1P06-CM00-065A
						7	Male	3.0-4.0 mm	P102-1P07-CM00-042A
							Male	4.0-5.0 mm	P102-1P07-CM00-052A
							Male	5.0-6.0 mm	P102-1P07-CM00-065A
						8	Male	3.0-4.0 mm	P102-1P08-CM00-042A
							Male	4.0-5.0 mm	P102-1P08-CM00-052A
							Male	5.0-6.0 mm	P102-1P08-CM00-065A
						9	Male	3.0-4.0 mm	P102-1P09-CM00-042A
							Male	4.0-5.0 mm	P102-1P09-CM00-052A
							Male	5.0-6.0 mm	P102-1P09-CM00-065A
						10	Male	3.0-4.0 mm	P102-1P10-CM00-042A
							Male	4.0-5.0 mm	P102-1P10-CM00-052A
							Male	5.0-6.0 mm	P102-1P10-CM00-065A
						14	Male	3.0-4.0 mm	P102-1P14-CM00-042A
							Male	4.0-5.0 mm	P102-1P14-CM00-052A
							Male	5.0-6.0 mm	P102-1P14-CM00-065A

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

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O Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.
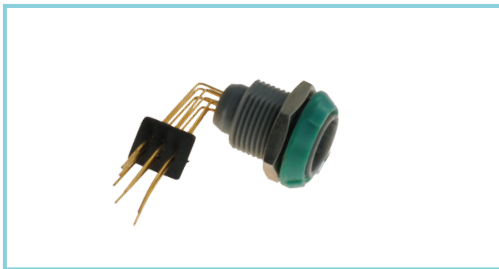
Data subject to change | www.cylertech.com

Model - P401 | p series

Fixed socket with two nuts (back panel mounting)

20.25   2

ø18.5

M14*1.0

S—12.5

Note: all dimensions are in millimeters

Reference		Dimensions (mm)					Availability	
Model	Size							
P401	1P	mm	mm	mm	mm	mm	●	

Materials

Polycarbonate (PC) or Polyarylsulfones (PSU) plastic shell and collet nut, housing available on grey, black and white color.

Temperature range

-40°C / +150°C

Multicontact types 2 to 14 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Color of Shell	Color of front nut	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	P401	1P	black	black	Alpha=0	2	Female	0.0-0.0 mm	P401-1P02-NF00-N000
						3	Female	0.0-0.0 mm	P401-1P03-NF00-N000
						4	Female	0.0-0.0 mm	P401-1P04-NF00-N000
						5	Female	0.0-0.0 mm	P401-1P05-NF00-N000
						6	Female	0.0-0.0 mm	P401-1P06-NF00-N000
						7	Female	0.0-0.0 mm	P401-1P07-NF00-N000
						8	Female	0.0-0.0 mm	P401-1P08-NF00-N000
						9	Female	0.0-0.0 mm	P401-1P09-NF00-N000
						10	Female	0.0-0.0 mm	P401-1P10-NF00-N000
						14	Female	0.0-0.0 mm	P401-1P14-NF00-N000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
○ Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - P403 | p series

Fixed socket with one nut (back panel mounting)
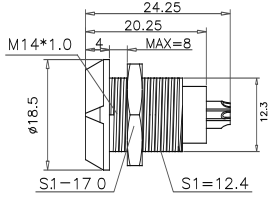
Note: all dimensions are in millimeters

Reference		Dimensions (mm)					Availability	
Model	Size							
P403	1P	mm	mm	mm	mm	mm	●	

Materials

Polycarbonate (PC) or Polyarylsulfones (PSU) plastic shell and collet nut, housing available on grey, black and white color.

Temperature range

-40°C / +150°C

Multicontact types 2 to 14 contacts

IP Index: IP50

Ordering Information / Model number example

| Type	Model	Size	Color of Shell	Color of front nut	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	P403	1P	grey	grey	Alpha=0	2	Female	0.0-0.0 mm	P403-1P02-CF00-G000
						3	Female	0.0-0.0 mm	P403-1P03-CF00-G000
						4	Female	0.0-0.0 mm	P403-1P04-CF00-G000
						5	Female	0.0-0.0 mm	P403-1P05-CF00-G000
						6	Female	0.0-0.0 mm	P403-1P06-CF00-G000
						7	Female	0.0-0.0 mm	P403-1P07-CF00-G000
						8	Female	0.0-0.0 mm	P403-1P08-CF00-G000
						9	Female	0.0-0.0 mm	P403-1P09-CF00-G000
						10	Female	0.0-0.0 mm	P403-1P10-CF00-G000
						14	Female	0.0-0.0 mm	P403-1P14-CF00-G000

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
When ordering, use a model number from the table in Ordering Information.

● Standard product, typically 0-2 weeks delivery for quantities of 500 or less.
O Non-standard product, contact our sales department, typically 3-4 weeks delivery for quantities of 500 or less.

Model - P411 | s series

Fixed socket with two nuts, with 90° contacts (back panel mounting)

M14*1.0
20.25
7 maxi
18.5
24mini
2
S1=12.4
S1=17.0

Note: all dimensions are in millimeters

Reference		Dimensions (mm)					Availability	
Model	Size							
P101	1P	mm	mm	mm	mm	mm	●	

Materials

Polycarbonate (PC) or Polyarylsulfones (PSU) plastic shell and collet nut, housing available on grey, black and white color.

Temperature range

-40°C / +150°C

Multicontact types 2 to 14 contacts

IP Index: IP50

Ordering Information / Model number example

Type	Model	Size	Color of Shell	Color of front nut	Alignment Key	Number of Pole	Gender of Pole	Cable collet (mm)	Model Number
Fixed socket	P411	1P	grey	green	Alpha=0	2	Female	0.0-0.0 mm	P411-1P02-CF00-V00W
						3	Female	0.0-0.0 mm	P411-1P03-CF00-V00W
						4	Female	0.0-0.0 mm	P411-1P04-CF00-V00W
						5	Female	0.0-0.0 mm	P411-1P05-CF00-V00W
						6	Female	0.0-0.0 mm	P411-1P06-CF00-V00W
						7	Female	0.0-0.0 mm	P411-1P07-CF00-V00W
						8	Female	0.0-0.0 mm	P411-1P08-CF00-V00W
						9	Female	0.0-0.0 mm	P411-1P09-CF00-V00W
						10	Female	0.0-0.0 mm	P411-1P10-CF00-V00W
						14	Female	0.0-0.0 mm	P411-1P14-CF00-V00W

The above are some examples for model number, please see the page 6-7 Model number Legend to identify products from their model number.
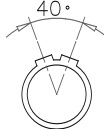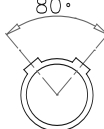When ordering, use a model number from the table in Ordering Information.

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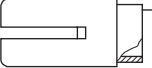
P Series Multicontacts Layouts & Characteristics

	Male soldr contact	Female solder contact	Reference	Number of contact	ø A (mm)	Solder wire max.(AWG)	R (max.)	Test voltage (V rms) Contact-contact	Current rating (A)	Contact type availability		
										Solder	Printed circuit (straight)	Printed circuit (elbow)
1P			02	2	1.3	20	5	1200	10.0	●	●	●
			03	3	1.3	20	5	1200	10.0	●	●	●
			04	4	0.9	24	6	1200	8.0	●	●	●
			05	5	0.9	24	6	1050	7.0	●	●	●
			06	6	0.7	26	7.5	1050	6.0	●	●	●
			07	7	0.7	26	7.5	1050	5.0	●	●	●
			08	8	0.7	26	7.5	1050	5.0	●	●	●
			09	9	0.5	28	10	850	3.0	●	●	●
			10	10	0.5	28	10	850	3.0	●	●	●
			14	14	0.5	28	10	600	2.0	●	●	●

Stranding values are in brackets. For a given AWG, the diameter of some stranded conductor designs could exceptionally be larger than the hole diameter of the barrel. Testing may be required.
Nominal Voltage acc. SAE AS 13441:1998 method 3001.1 meet the MIL-STD 1344, method 3001, Test acc. IEC 60512 test 4a.

Alignment Key

	Reference	0	4	6	8
		0°	40°	60°	80°

Cable Collet

	Code	Cable ø (mm)		Availability	Part Number of Collet	
		min.	max.			
	42	3.0	4.0	●		
	52	4.0	5.0	●		
	65	5.0	6.0	●		

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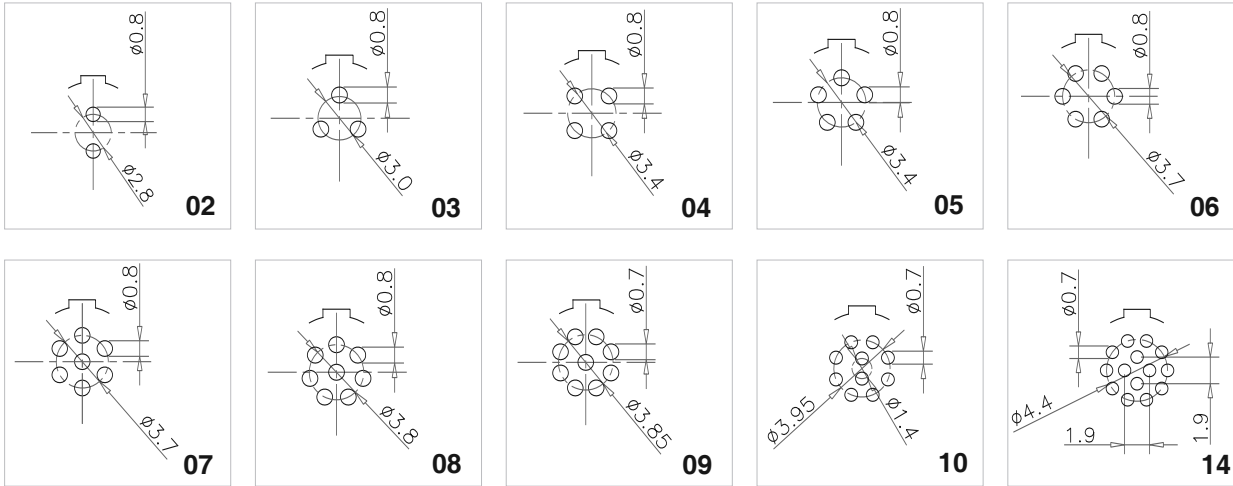
Color Code

Color	Red	Blue	Yellow	Green	Grey	Black
Reference	R	A	Y	V	G	N

Bend relief

PCB Drilling Patterns

Fixed socket with straight printed circuit contact (1P series)

Note: All views are from the side of the receptacle, all dimensions are in millimeters

Panel Cut-Outs

	1 P series				
A	12.5				
D	14.0				

Note: all dimensions are in millimeters

What your application is not listed here, we can build for you.

Cylerconnect

Product
CATALOG

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