



# Push-Pull Circular Series



JPC offers diversified plastic and medical connectors ideal for medical equipment. Features including quick mating/unmating, keying, color-coding, chemical resist, vibration resist, enduring high-temperature, and pressure. From patient monitoring devices to disposable surgical ablation catheters, our connectors offer medical grade push-pull self latching connector in plastic, metal, and even waterproof IP68 connector features. Furthermore, our customization service can offer you proper features to meet your medical connector needs.

## Product Feature

### Plastic P Series (Size: 1,2)

- Push-pull
- Plug
- Fixed socket
- Free socket
- 2 to 34 pin

- 2000 mating cycles
- PSU working temp. -50°C~150°C
- PEI working temp. -50°C~170°C
- Solder & DIP contact
- Rated current 2~10A

- 7 colors
- 6 keyways
- IP50
- Finger-proof



### Metal B Series (Size: 00, 0, 1, 2)

- Push-pull
- BS series – plug
- BR/BN series – fixed socket
- BF series – free socket

- 2 to 32 pin
- 5000 mating cycles
- Working temp. -55°C~250°C
- Solder, DIP, crimp contacts

- Rated current 1.5~30A
- 16 keyways
- IP50
- Finger-proof



### Metal K Series (Size: 0, 1, 2)

- Push-pull
- BS series – plug
- BR/BN series – fixed socket
- BF series – free socket

- 2 to 32 pin
- 5000 mating cycles
- Working temp. -55°C~250°C
- Solder, DIP, crimp contacts

- Rated current 1.5~30A
- 8 keyways
- IP66/68
- Finger-proof



### Metal S Series (Size: 0)

- Push-pull
- SS series – plug
- SN series – fixed socket
- 2 to 6 pin

- 5000 mating cycles
- Working temp. -55°C~250°C
- Solder contacts
- Rated current 1.5~30A

- Half-moon insulator key
- IP50
- Finger-proof



## Product Specification

	1P	2P	B	K	S
<b>Size</b>	1	1	4	3	1
<b>Environment</b>	Indoor	Indoor	Indoor	Outdoor	Indoor
<b>IP</b>	IP50/64	IP50/64	IP50	IP66/68	IP50
<b>No. of Contacts</b>	2 to 14	2 to 34	2 to 32	2 to 32	2 to 6
<b>Contact Type</b>	Solder/Print	Solder/Print	Solder/Print/Crimp	Solder/Print/Crimp	Solder/Print/Crimp
<b>Operating Temperature</b>	-50 to 170°C	-50 to 170°C	-50 to 250°C	-50 to 200°C	-50 to 250°C
<b>Durability</b>	>2,000 cycles	>1,000 cycles	>5,000 cycles	>5,000 cycles	>5,000 cycles
<b>Test Voltage</b>	0.6 to 1.2 kV	0.7 to 2.4 kV	0.6 to 2.4 kV	0.6 to 2.4 kV	0.9 to 1.1kV
<b>Rated Current</b>	2 to 10A	1.5 to 30A	1.5 to 25A	1.5 to 25A	2.5 to 10A
<b>Keying Option</b>	7	5	Multiple	9	1
<b>Nut Color</b>	7	7	-	-	-
<b>Cable Collet</b>	Φ2.7 to 6.5mm	Φ3.2 to 9.2 mm	Φ1.4 to 9.9mm	Φ1.0 to 8.5 mm	Φ1.3 to 6.2 mm

