

**Standard Connector Lineup of over 170 models.
『 Standard Spring Connector 《J-series》 』 available in the market**

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■ Summary

Yokowo Co., Ltd. has developed and released SPRING CONNECTORS (hereafter referred to as SPC) with a distinctive structure commanding micro precision processing technology and has spread its usage to power and signal connection applications in the mobile communication field. When developing multifunctional phones with features such as internet connection, e-mail, still & movie camera and full & large color LCD, most of domestic and foreign cellular phone manufacturers are utilizing SPC technology in order to achieve compactness and lightness.

■ Purpose and Market Trend

At the origin, SPCs have been custom parts complying with any kind of shape and dimension required by customers for the purpose of free and flexible mobile phone design. Yokowo has mainly developed the custom parts lineup as part of its SPC business strategy.

On the other hand, it is said that the connector industry is getting competitive and requires speed in development and production, which is becoming the most important factor determining who survives in this market.

In order to do business in this kind of competitive market, to meet customer needs promptly and expand our new playing field in overseas and non-cellular markets, we decided to release the 「Standard SPC lineup」 in addition to existing custom designed parts.

■ Product Features

Newly lined up product group called 『 Standard SPC 《J series》 』 .

「J series」 contains 170 models with compressed heights (between PCB and mating pad) from 2.5 up to 8.3mm and with multiple pin connector housings from 1 up to 4 pins.

The new catalogue is available and shipments start from next month.

Utilizing this 『 Standard SPC 《J series》 』 , Yokowo is aiming at new active proposals in the mobile device market such as digital still and movie cameras.

『 Standard SPC 《J series》 』 has the hereunder characteristics.

《 Characteristics 》

- Model: : Lineup for 1 to 4pins Total : 174models
 - Single pin Total : 18models
 - 2pin/3pin/4pins Total : 52models
- Mating Height : 2.5 to 8.3mm available (2.5 to 6.1mm with housing press fit)
- Stroke : 0.5 to 1.7mm
- Contact Force : 0.9N or 1.08N
- Bottom Dia. : 1.6mm to 2.5mm
- Packing : To be packed in Tape and Reel with pick and place Caps.

《 General Specifications 》

Item	Specification
Contact Resistance	50mΩ Max.
Durability	20,000 Cycles
Mechanical Shock	490m / s ²
Soldering Temperature	350°C 3secs.

■ Planning

『 Standard SPC 《J series 》 』 is being manufactured at Yokowo's Chinese factory(※2) starting up with a capacity of 8 millions connectors/month and capacity increase is planned in the future.

【Remarks】

- ※ 1 : SPC's Characteristics
- ①High Insertion Cycle Durability
 - ②Space Saving Design
 - ③Flexible Custom design available
 - ④Easy Assembly

※ 2 : Dongguan Yokowo Electronics Co.,ltd.

- Established : May, 1994
- Address : Fu Zhu Shan District, Liao Bu Town, Dongguan City, Guangdong Province
- Main Products : Spring Connectors, Coil Connectors, Others Connectors
Communication Antenna Connectors

Enquiries about this new release to:
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