

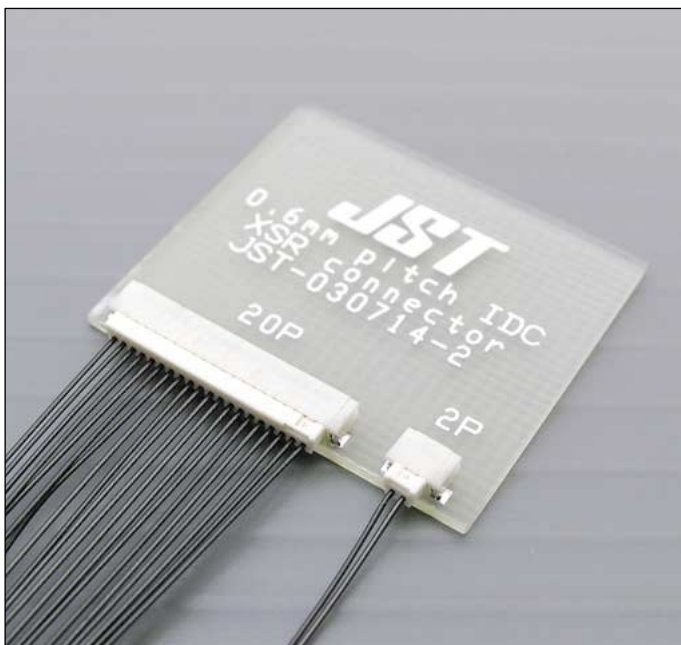
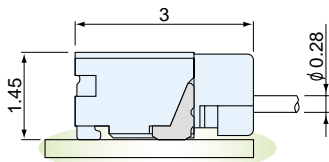
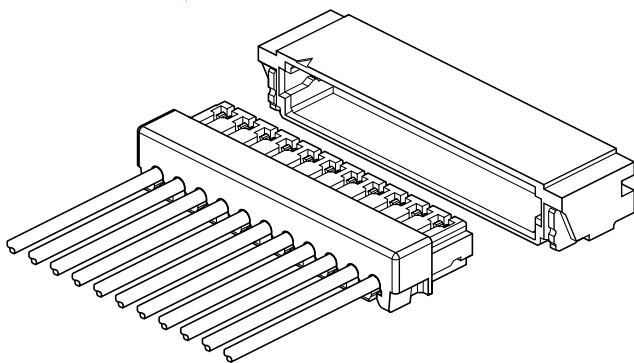
# New Product

# JST

## For W to B Connection **0.6mm Pitch** **XSR** CONNECTOR

This is the world's smallest 0.6 mm pitch ID connector for discrete wires.  
This Wire to Board miniaturised connector has a mounting height of 1.45 mm and depth of 3.0 mm.

The world's first  
0.6mm ID connector



### Space-saving design

Along with the miniaturisation resulting from the adoption of a narrow pitch, greater consideration has also been given to height and depth dimensions in order to realise drastic space saving. Compared to the 0.8 mm pitch SUR connector, the surface usage on the PCB has been reduced by 60% and the volume by 50%, which will contribute greatly to the miniaturisation of the equipment.

### Twin U-slot ID part

The ID connection part consists of a proven twin U-slot structure which guarantees highly reliable contact.

### New strain relief structure

This new design approach to strain relief provides reliable wire retention despite being a narrow pitch one-piece socket connector.

### Suitable for fine wires

The adoption of the AWG#36 wire with a 0.28mm O.D. provides toughness and flexibility, which provides freedom in wiring and space saving features.

### Applicable to automatic ID machines

A new fully automatic ID machine, BCD-M5S, provides stable mass production of the harness.

### Specifications

- Current rating : 0.2A AC, DC
- Voltage rating : 30V AC, DC
- Temperature : - 25 °C ~ + 85 °C (including temperature range rise in applying electrical current)
- Applicable wires : AWG #36 (7strand tinned copper alloy wire)  
Insulation O.D.: 0.28 mm dia
- No. of Circuits : 2,6,10 & 20 circuits (2 to 20 planned)
- Direction of entry : Side entry (top type planned)

## J.S.T. MFG. CO., LTD.

(URL) <http://www.jst-mfg.com>

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Utsunomiya, Yokohama, Hachioji, Nagano, Nagoya, Osaka, Kurayoshi, Hiroshima, Fukuoka in Japan and Belgium, Spain, U.K., Germany, France, Italy, U.S.A., Singapore, Thailand, Malaysia, China, Taiwan, Korea, Australia, Austria

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