

# JST - JFA CONNECTOR SYSTEM



## J300 Series

Wire-to-board/Wire-to-Wire  
 3,81mm (.150")/5,08mm (.200") pitch

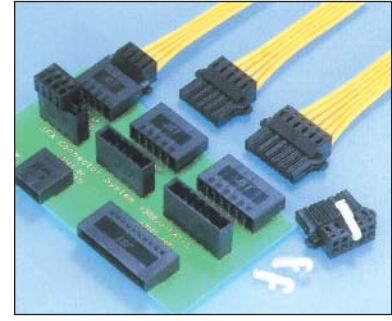
- Current rating: 15A AC,DC (single circuit/AWG #14)
- Voltage rating: 310/340 series (3.81mm): 250V AC,DC  
320/350 series, 360T(5.08mm): 600V AC,DC
- Temperature range: -55°C to +105°C (including temperature rising in applying electrical current)
- Contact resistance: Initial value/5m Ohm max.  
After environmental testing /10m Ohm max.
- Insulation resistance: 1,000M Ohm min.
- Withstanding voltage: 310/340 series: 1,500V AC/minute  
320/350 series: 2,200V AC/minute
- Applicable wire: AWG #28 to #14
- Applicable PC Board thickness: 1.6mm to 2.4mm (.063" to 0.94")



## J2000 Series

Wire-to-board/Wire-to-Wire  
 2,5mm (.098") pitch

- Current rating: 4.3A max. AC,DC (6 circuits/AWG #20)
- Voltage rating: 250V AC,DC
- Temperature range: -55°C to +105°C (including temperature rising in applying electrical current)
- Withstanding voltage: 1,500V AC/minute
- Applicable wire: AWG #28 to #18 (0.08 to 0.75mm<sup>2</sup>)
- Applicable PC Board thickness: 1.6mm (.063")



## J-FAT Spring Type

Terminal board type  
 5,08mm (.200") pitch

- Current rating: 10A max. AC,DC
- Voltage rating: 250V AC,DC
- Temperature range: -55°C to +105°C (including temperature rising in applying electrical current)
- Applicable wire: AWG #18 to #14



## J5000 Series

Wire-to-Wire  
 11mm (.433") pitch

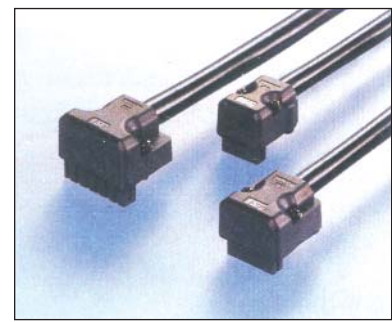
- Current rating: 50A max. AC,DC (1 circuit/AWG #8)
- Voltage rating: 600V AC,DC
- Temperature range: -55°C to +105°C (including temperature rising in applying electrical current)
- Withstanding voltage: 3.0kV AC/minute
- Applicable wire: AWG #16 to #8



## Metal Shell Series

Wire-to-Wire  
**J2900 (Metal connector)**

- Current rating: 3A max. AC,DC
- Voltage rating: 250V AC,DC
- Temperature range: -55°C to +105°C (including temperature rising in applying electrical current)
- Withstanding voltage: 1,500V AC/minute
- Applicable wire: AWG #28 to #20
- Cable O.D.: 11.1 to 13.5mm (.437" to .531")



## J1700/2700/3700 Series

Connector kits for motor

- Current rating: J1700 - 2.0mm (.079"): 5.0A AC,DC  
J2700 - 2.5mm (.098"): 7.0A AC,DC  
J3700 - 3.8mm (.150"): 10.0A AC,DC
- Voltage rating: 250V AC,DC
- Temperature range: -55°C to +105°C (including temperature rising in applying electrical current)
- Waterproof grade: Grade 5 ingress protection of JIS C 0920 (IEC 60529 IPX5) (Water jet)