

Board to Board (FPC) Connectors

Board to FPC Connectors: FB-10 Series

Features

- 1. Large current connector for battery.
- 2. Highly reliable and stable connection using SMK's unique contact structure.
- 3. High retention force by SMK's unique locking mechanism on the contact terminal and hold-down.
- 4. Power terminal supports 6A current (when using 4pins for power).
- 5. Multiple pin count with 8pins satisfies the need of multifunctional battery (Power: 4Pin, Signal: 4Pin).
- 6. Low profile and space-saving design with 0.6mm mating height, 1.7mm width and 3.2mm depth.

Specifications

Pitch : 0.35mmMating Height : 0.6mm

• Width : 1.7mm (Socket)

• Number of Pins : 8 (Power: 4Pin, Signal: 4Pin)

Contact Resistance
Contact Resistance
20V AC/DC, 3.0A/pin (Power), 0.3A/pin (Signal)
20mΩ max. (Power Pin), 40mΩ max. (Signal Pin)

Insulation Resistance : 1,000MΩ min. at 100V DC
Withstanding Voltage : 100V AC (for one minute)
Operating Temperature Range : -25°C to +85°C





