

Board to Board (FPC) Connectors

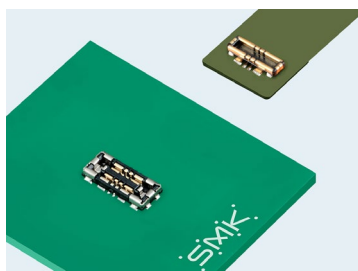
Board to FPC Connectors: FB-12 Series

■ Features

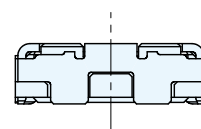
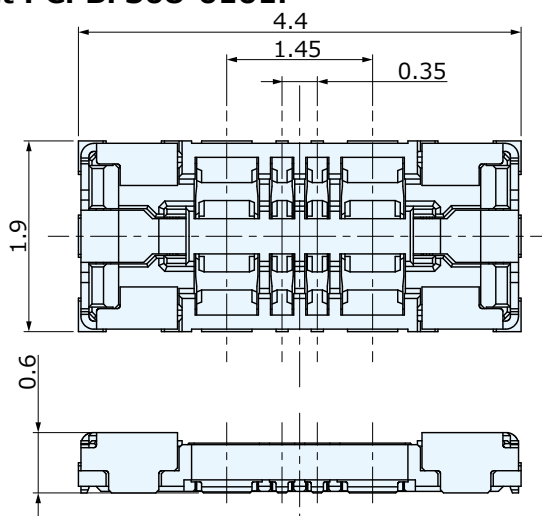
1. Large current connector for battery.
2. Highly reliable and stable connection using SMKs unique contact structure.
3. High retention force by SMKs unique locking mechanism on the contact terminal and hold-down.
4. Power terminal supports 15A current (when using 4pins for power).
5. Multiple pin count with 8pins satisfies the need of multifunctional battery (Power : 4Pin, Signal : 4Pin).
6. Low profile and space-saving design with 0.6mm mating height, 1.9mm width and 4.4mm depth.

■ Specifications

- Pitch : 0.35mm
- Mating Height : 0.6mm
- Width : 1.9mm (Socket)
- Number of Pins : 8 (Power : 4Pin, Signal : 4Pin)
- Rating : 50V AC/DC, 7.5A/pin (Power) , 0.5A/pin (Signal)
- Contact Resistance : 2mΩ max.(Power Pin), 30mΩ max.(Signal Pin)
- Insulation Resistance : 1000MΩ min. at 100V DC (for two minutes)
- Withstanding Voltage : 100V AC (for one minute)
- Operating Temperature Range : -25°C to +85°C



Socket : CPBF308-0101F



Plug : CPBF408-0101F

