FLYER

BM57 Series

0.3mm Pitch / Stacking Height 0.6mm / Width 1.9mm

Low-Profile Hybrid FPC-to-Board Connector Supporting 5A

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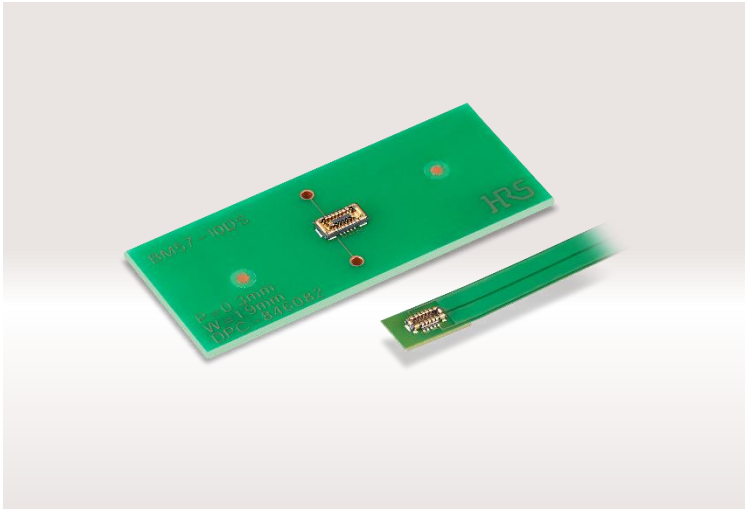


Features

P= 0.3 mm — P= 0.3mm

Full — Full Armored

High-Current

1 **Low-profile design with high power supply capacity**
- **Rated current: 5A for power contact, 0.3A for signal contact**
- **0.6mm stacking height, 1.9mm width**

2 **Full armored design prevents housing damage**

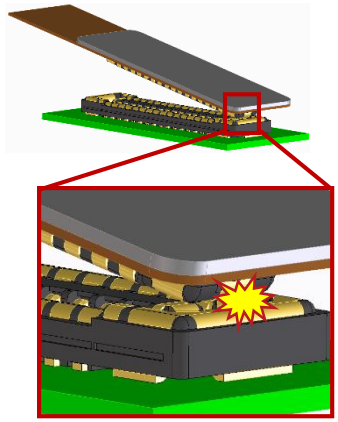
3 **Easy mating operation with wide self alignment range**

4 **Insert molded header and receptacle design**
- **Solder Wicking Prevention**

5 **Multi-point soldering enhances PCB peeling strength**

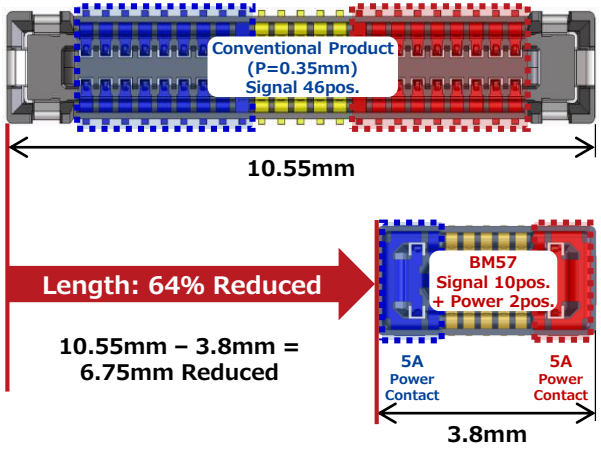
Robust Design

Fully Armored Design Prevents Housing Damage



High Current (5A)

Power Contact Saves Space



Specifications

Rated Current	Power Contact: 5A Signal Contact: 0.3A
Rated Voltage	30V AC/DC
Operating Temperature	-55 to +85°C*
Contact Resistance	Power Contact: 30mΩ Max. Signal Contact: 90mΩ Max.
Withstanding Voltage	100V AC for 1 min.
Insulation Resistance	50MΩ Min. (100V DC)
Mating Durability	10 times

*Includes the temperature rise due to current flow.

- Pin Count Variation: 10pos.

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