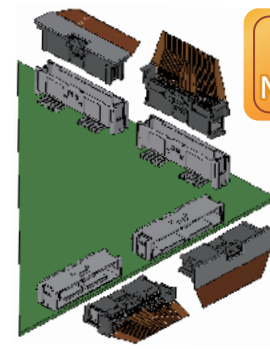


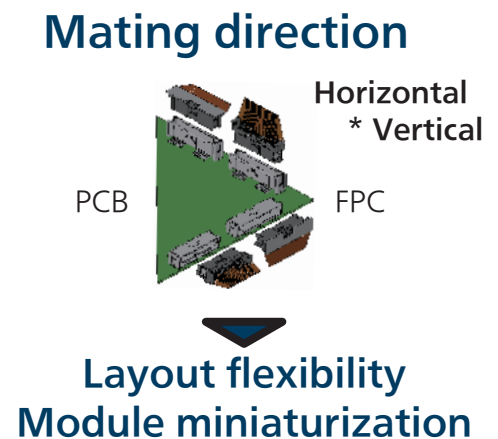
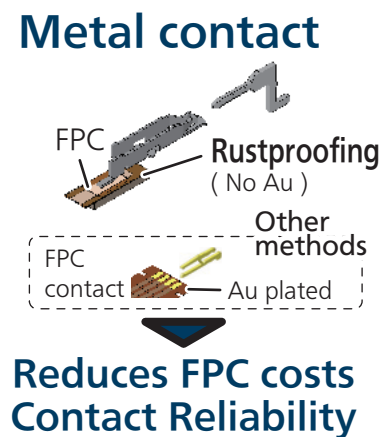
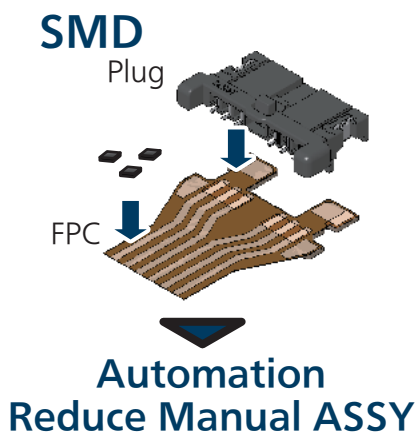
Board-to-FPC Connector CF Series

Simple-Assembly in Plug & High Contact-reliability



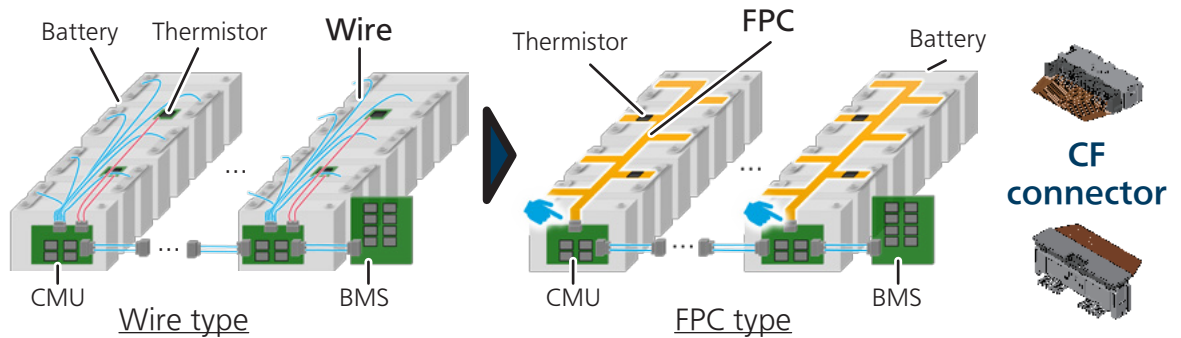
■ Product Features

- 1) **SMD** enables assembly automation **without manual assembly**.
- 2) **Metal contact** (not FPC contact) achieves contact reliability and **reduces FPC costs**.
- 3) **Mating directions lineup** allows **wiring flexibility** and **compact module**.



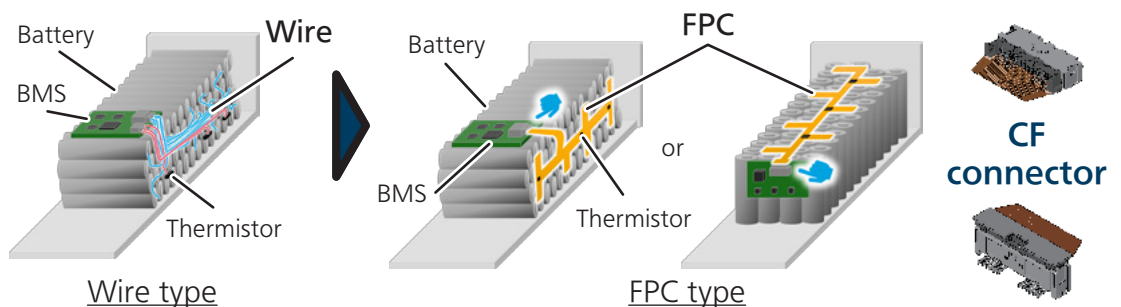
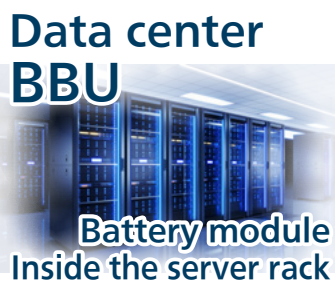
■ Application

• Space-saving wiring, reduced weight, and less wire harness work



■ Proposed Application

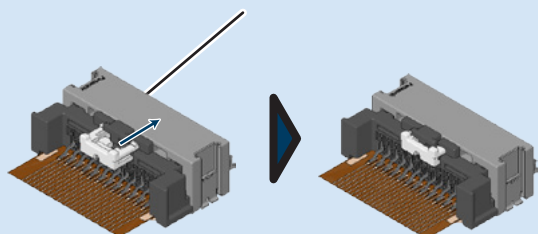
• Reduced wiring and increased flexibility in circuit board layout



■ Specification

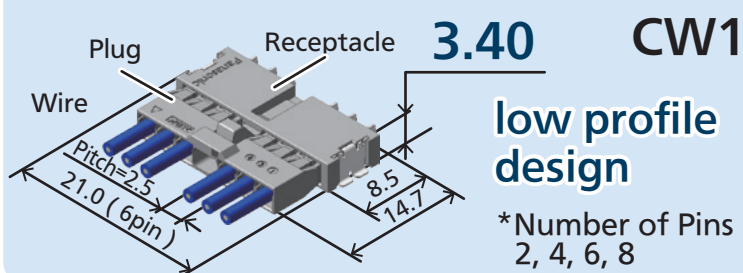
Item		CF1	CF2	New product CF3
Type		1 row	2 row - Slim	2 row - Low height / Mating variation
Image				
Number of pins *(Under development)		(2), 4, 6, 8, 10	20, 28, 32, (40)	28, (32), (40)
Size	Height - H	5.9 mm	11.8 mm	8.9 mm
	Width - W	33.0 mm (10pin)	37.8 mm (28pin)	38.8 mm (28pin)
	Pitch	2.2 mm	1.0 mm	1.0 mm
Spec	Rated current * Except FPC	Max 2.0 A/pin	Max 1.0 A/pin	Max. 1.0 A/pin
	Dielectric strength	AC 1000 V / DC 1400 V	AC 800 V / DC 1100 V	AC 800 V / DC 1100 V
	Operating temperature	-40~125 °C * Including temperature rise when applying current.		
Structure	Plug ASSY	SMT (Soldering)		
	Contact	Metal (Both male and female)		
	Material / Metal	Copper alloy / Sn plating over nickel		
	Material / Mold	LCP (UL 94 V-0)		

【Option】 CPA *CF2&CF3



Prevents accidental un-mating

【Related products】 Board-to-wire connector



Our website



Please check the product specification and introduction video for more details.

Introduction video ▶
Board to FPC Connector CF Series
Connection reliability, Reduction of Assembly manpower



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