

FH Flip-Lock Pioneer Hirose

Features

- 1 Power & signal hybrid FPC/FFC connector suitable for power line connection - 12A (Power contact), 0.5A (Signal contact)
- 2 Space-saving compared to products with same permissible current
- 3 Prevents actuator separation and unintended actuator opening
- 4 Enhanced contact reliability by 2-point contact design
- 5 Solder wicking prevention by nickel barrier plating
- 6 Suitable for FPC/FFC with standard thickness of $0.3 \pm 0.03\text{mm}$



P = 0.5 mm

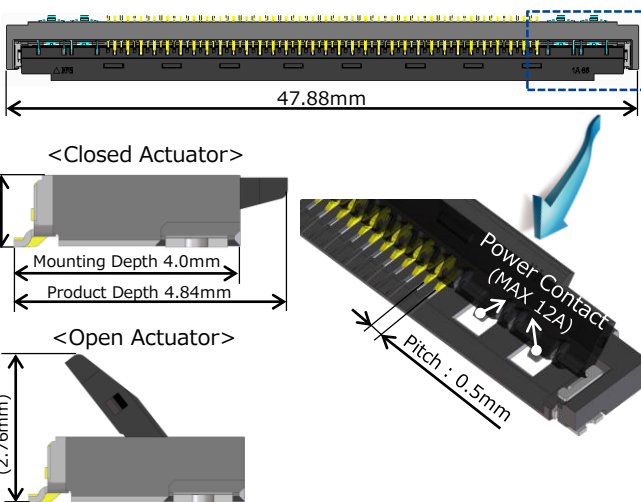


Power / Signal

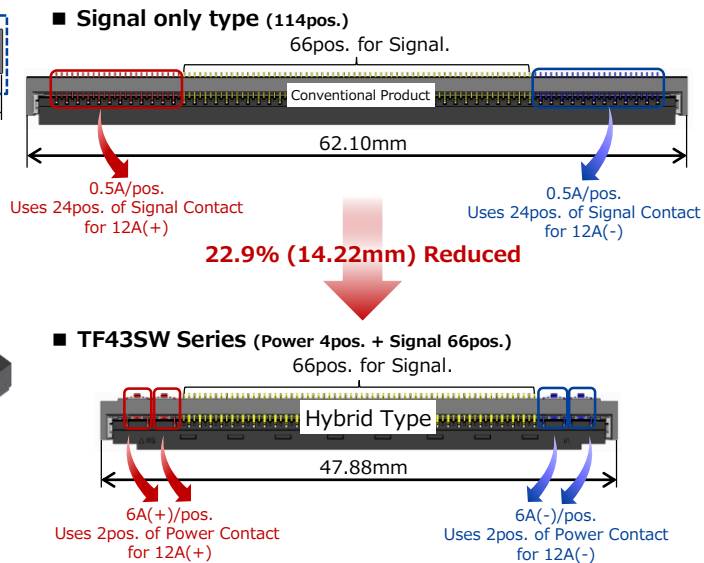


High-Current

Dimensions



Space-Saving & High Current (12A)



Specifications

Rated Current	Power Contact : 12A Signal Contact : 0.5A
Rated Voltage	50V AC/DC
Operating Temperature	-40 to +85°C
Contact Resistance*1	50mΩ Max. (20mV AC Max., 100mA Max.)
Withstanding Voltage	150V AC for 1 min.
Insulation Resistance	500MΩ Min. (100V DC)

*1 Including FPC/FFC resistance

- Variations : 66pos.

- Reflow Temperature : 250°C Max.
- FPC/FFC Thickness : $0.3 \pm 0.03\text{mm}$ (Copper Foil = 2oz)
- RoHS, Halogen-free *2 product

*2 This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1,500ppm maximum total of chlorine and bromine.