

Features

- 1 Power & signal hybrid FPC/FFC connector suitable for power line connection
 - Power contact : 12A (6A/pos.)
 - Signal contact : 0.5A
- 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= 0.5mm

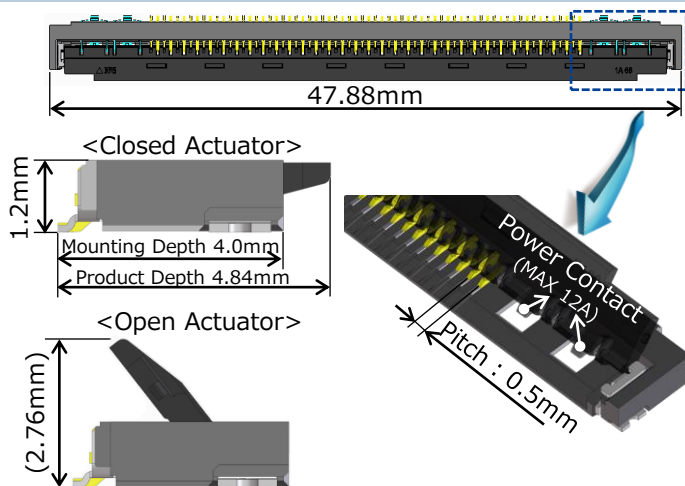


Power / Signal

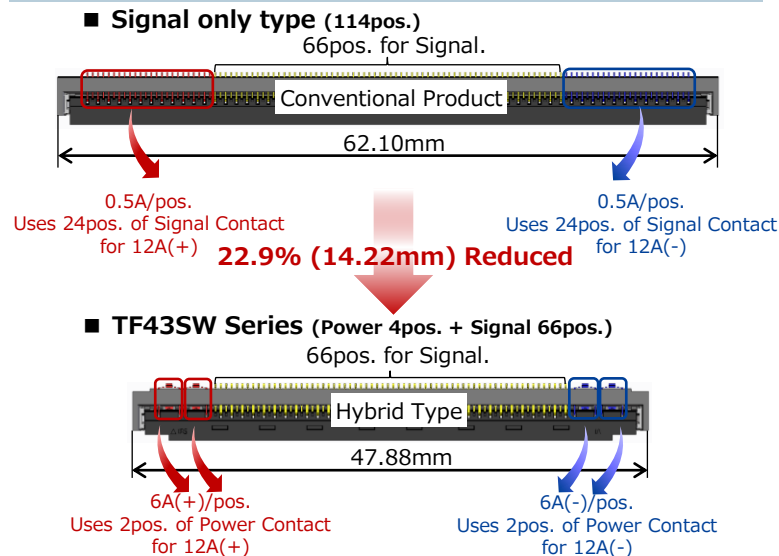


High-Current

Dimensions



Space-Saving & High Current (12A)



Specifications

| | |
|-----------------------|--|
| Rated Current | Power Contact : 12A (6A/pos.) 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) |

- Variations : 66pos. ^{*1} Including FPC/FFC resistance
- 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.