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FH ... Flip-Lock Pioneer Hirose

Features

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

for 12A(-)

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- 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
- Solder wicking prevention by nickel barrier plating
- 6 Suitable for FPC/FFC with standard thickness of 0.3±0.03mm

HIROSE **Dimensions** Space-Saving & High Current (12A) ■ Signal only type (114pos.) Apr. 1.2023. Gopyright 2022 66pos. for Signal. 47.88mm 62.10mm <Closed Actuator> 0.5A/pos. 0.5A/pos. Uses 24pos. of Signal Contact Uses 24pos. of Signal Contact for 12A(+) 22.9% (14.22mm) Reduced Mounting Depth 4.0mm, Product Depth 4.84mm ■ TF43SW Series (Power 4pos. + Signal 66pos.) <Open Actuator> 66pos. for Signal. www.www. Hybrid Type www.www. 47.88mm Uses 2pos. of Power Contact Uses 2pos. of Power Contact

for 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)

^{*1} Including FPC/FFC resistance

- Variations: 66pos.
- Reflow Temperature: 250°C Max.
- FPC/FFC Thickness: 0.3±0.03mm (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