

FH Flip-Lock Pioneer Hirose

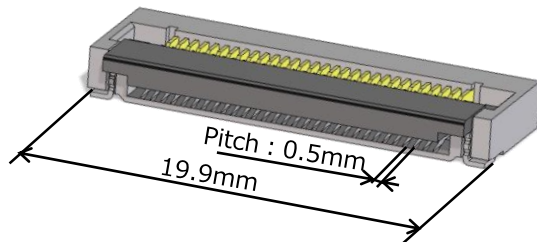
Features

- 1 Satisfies severe automotive requirements : 125°C Heat resistance
- 2 Firm & clear tactile click confirms lock completion
- 3 Robust lock design prevents actuator from coming off even during rough lock operation
- 4 FPC positioning alignment mechanism allows high connection reliability
- 5 High FPC retention force
- 6 Superior operability : Improved FPC insertion and 0.3mm FPC/FFC thickness compatible



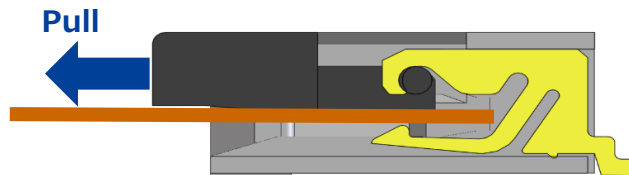
Example : 30pos.

FPC/FFC thickness = 0.3 ± 0.05 mm
Bottom contact type



High FPC Retention Force

Comparison with and without FPC tabs.



Retention Force	W/O tabs	With tabs
30pos.	12N min.	40N min.

Specifications

Contact Resistance*	50mΩ Max.
Withstanding Voltage	150V AC for 1 min.
Insulation Resistance	500MΩ min. (100V DC)
Rated Current	0.5A
Rated Voltage	50V AC/DC
Operating Temperature	-40 to +125°C

* Includes FPC / FFC conductor resistance

- Applicable FPC / FFC thickness : 0.3 ± 0.05 mm
- Pos. varieties : 10, 15, 20, 28, 30, 40, 50, 55, 60, 64, 68, 80pos. (Under development : 45,74pos.)
- RoHS compliant, halogen-free product

(This product satisfies halogen free requirements defined as 900ppm maximum chlorine, 900ppm maximum bromine, and 1500ppm maximum total of chlorine and bromine.)