



FH Flip-Lock Pioneer Hirose



### Features

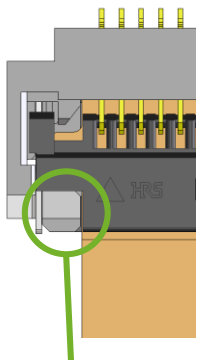
- 1 Independent two-point spring contact design reduces contact failure due to dust intrusion.
- 2 125°C heat resistance to satisfy severe automotive requirements
- 3 High FPC retention force with FPC tab and housing side catches
- 4 PCB and FPC/FFC compatible with FH52E/K/T

Supports  
MIPI D-PHY  
(1.5Gbps)

**Patented**

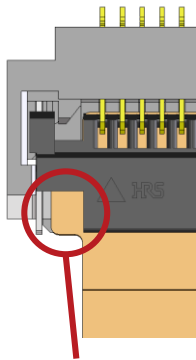
### Incomplete Mating Prevention

#### Correct Mating



No FPC Tab Detection

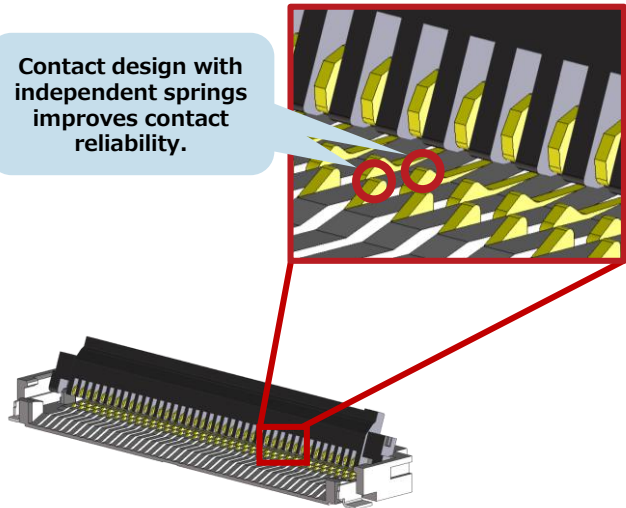
#### Incomplete Mating



⚠ FPC Tab Detection

### Two-point Contact Design

Contact design with independent springs improves contact reliability.



### Specifications

Rated Current	0.5A
Rated Voltage	50V AC/DC
Operating Temperature	-40 to +125°C
Contact Resistance	50mΩ Max. *Includes FPC/FFC conductor resistance (L=8mm)
Withstanding Voltage	150V AC for 1min.
Insulation Resistance	500MΩ Min. (100V DC)
Mating Durability	20 times

- RoHS, Halogen-free\* product
- No. of Pos. : 40pos. (Mass Production)  
8, 10, 15, 30, 50, 60, 68, 80pos. (Under Planning)

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