

FH Flip-Lock Pioneer Hirose

### Features

- 1 Independent two-point 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

\* The heat resistant temperature when using FFC is 105°C.  
When the heat resistant temperature is less than 125°C for FPC and 105°C for FFC, the heat resistant temperature of the FPC/FFC is applied.



P= 0.5mm



High Temp



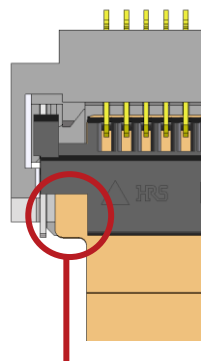
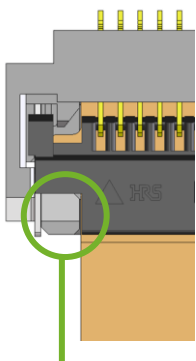
Automotive

Patented

### Incomplete Mating Prevention

Correct Mating

Incomplete Mating

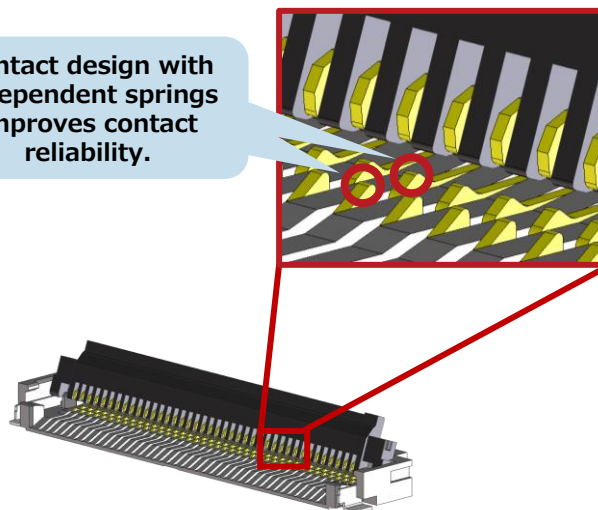


No FPC Tab Detection

⚠ 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*1
Contact Resistance	50mΩ Max. *2 Includes FPC/FFC conductor resistance (L=8.0mm)
Withstanding Voltage	150V AC for 1 min.
Insulation Resistance	500MΩ Min. (100V DC)
Mating Durability	20 times

\*1 Includes the temperature rise due to current flow.

- RoHS compliant

- No. of Pos. : 10, 40, 60, 68pos. (Mass Production)  
8, 15, 30, 50, 80pos. (Under Planning)