FLYER

FH75 Series

0.5mm Pitch / 2.0mm Height

Two-Point Contact, 125℃ Heat Resistance, FPC/FFC Connector

FH ··· Flip-Lock Pioneer Hirose

P= 0.5 mm — P= 0.5mm

125℃ — High Temp

Automotive

Features

1 **Independent two-point contact design reduces contact failure due to dust intrusion.**

2 **125ºC heat resistance to satisfy severe automotive requirements**

3 **High FPC retention force with FPC tab and housing side catches**

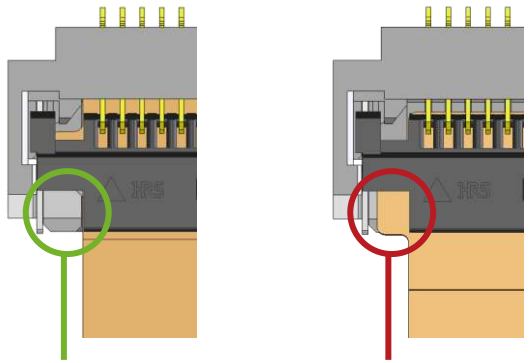
4 **PCB and FPC/FFC compatible with FH52E/K/T**

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

Patented

Incomplete Mating Prevention

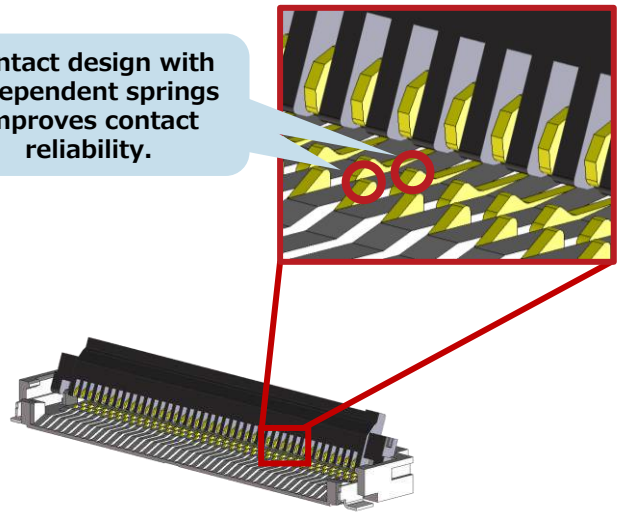
Correct Mating | **Incomplete Mating**



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℃*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)

HIROSE ELECTRIC CO.,LTD.