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







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)

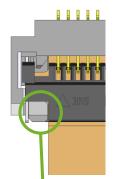
Patented



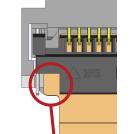
Incomplete Mating Prevention

Correct Mating

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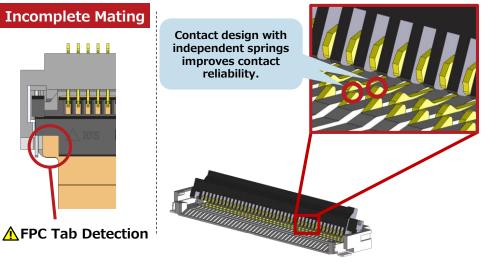


No FPC Tab Detection



↑ FPC Tab Detection

Two-point Contact Design



Specifications

Rated Current	0.5A
Rated Voltage	50V AC/DC
Operating Temperature	-40 to +125℃
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)

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