FH53/FH53M Series HRS 0.2/0.25/0.3mm Pitch, 0.65 mm Height, Top Contact, **Back Flip FPC Connector**



0.2 mm Pitch **High Density FPC** Connector

Features

- 1. Reduced mounting space by narrow pitch(FH53: 0.2mm/FH53M: 0.25mm,0.3mm)
- 2. Short depth: 3.2 mm (locked position)
- 3. FPC thickness at contact area: 0.12 ± 0.02 mm (top contact)
- 4. Multi-functional chucking metal for FPC temporary holding and improved connection reliability
- 5. Movable lock metal allows horizontal FPC insertion/withdrawal
- 6. Wide tapers for smooth FPC insertion
- 7. Solder wicking and flux penetration prevention

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

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FH53M(0.3mm):0.3×(N-1)+1.8mm

- 8. Board area under the connector is available for PCB patterning FH53:0.2×(N-1) +1.8mm FH53M(0.25mm):0.25×(N-1)+1.8mm
- 9. Outer lead design for visual check
- 10. RoHS compliant, halogen-free product*

Dimensions (41 pos.)

Pitch/Mounting pitch: FH53 : 0.2mm / 0.4mm FH53M(0.25mm) : 0.25mm / 0.5mm FH53M(0.3mm) : 0.3mm / 0.6mm FPC thickness : 0.12mm Light weight : 0.034g

Chucking metals provide multi-functions in addition to metal hold down.

[During FPC Insertion/withdrawal]

