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**Part Number:** 0525590870

**Status:** Contact Molex

**Description:** 0.50mm (.020") Pitch FFC/FPC Connector, Vertical, SMT, ZIF, 8 Circuits, Lead-free

### Documents:
3D Model
Drawing (PDF)
Product Specification PS-52559-012 (PDF)

Packaging Specification SPK-52559-003 (PDF)
RoHS Certificate of Compliance (PDF)

### Agency Certification

| | |
|---|---|
| UL | E29179 |

### General

| | |
|---|---|
| Product Family | FFC/FPC Connectors |
| Series | 52559 |
| Product Name | N/A |

### Physical

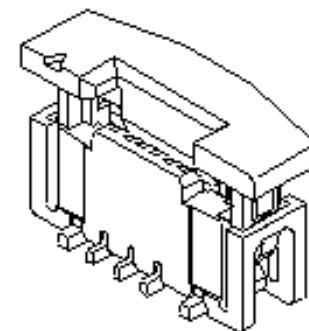| | |
|---|---|
| Circuits (Loaded) | 8 |
| Color - Resin | Natural |
| Contact Position | N/A |
| Durability (mating cycles max) | 20 |
| Entry Angle | Vertical |
| Flammability | 94V-0 |
| Mated Height | 3.90mm (.154") |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin-Bismuth |
| Material - Plating Termination | Tin-Bismuth |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm (.020") |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |
| Wire/Cable Type | FFC/FPC |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum | 50V |

### Material Info

### Reference - Drawing Numbers

| | |
|---|---|
| Packaging Specification | SPK-52559-003 |
| Product Specification | PS-52559-012, RPS-52559-049, RPS-52559-052, RPS-52559-054, RPS-52559-055, RPS-52559-073, RPS-52559-076, RPS-52559-077 |
| Sales Drawing | SD-52559-029, SD-52559-045 |



*Series image - Reference only*

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
**Contains SVHC: No**
**Low-Halogen Status**
**Not Low-Halogen**

**China RoHS**

**Need more information on product environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, click here

Please visit the Contact Us section for any non-product compliance questions.

**Search Parts in this Series**
52559Series