



Part Number : [525591252](#)

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 12 Circuits, Gold Plating

Series Number : 52559

Status : Active

Product Category : FFC / FPC Connectors

Documents & Resources

Drawings

[Drawing 525591252_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 525591252.dxf](#)

[2D Drawing DXF \(PDF\) 525591252.pdf](#)

[3D Model 525591252_stp.zip](#)

Specifications


[Application Specification AS-52559-001-001.pdf](#)

[Packaging Specification SPK-52559-003-001.pdf](#)

[Product Specification PS-52559-013-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 2024) |
| EU RoHS | Compliant per EU 2015/863 |

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | FFC / FPC Connectors |
| Series | 52559 |
| Description | Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 12 Circuits, Gold Plating |
| Series Name | Slider |
| Product Family | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| UPC | 822348533886 |

Agency

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

Electrical

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

Physical

| | |
|--------------------------------|-----------------|
| Actuator Type | Slider |
| Circuits (Loaded) | 12 |
| Contact Position | N/A |
| Durability (mating cycles max) | 20 |
| Flammability | 94V-0 |
| Mated Height | 3.90mm |
| Material - Metal | Phosphor Bronze |

| | |
|--------------------------------|-----------------------|
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 192.610/mg |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.50mm |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |
| Wire/Cable Type | FFC/FPC |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-------------------------------------|--------------|
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15020</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15120</u> |