



Part Number : [545500872](#)

Product Description : 0.50mm Pitch Easy-On FFC/FPC Connector, 1.20mm Height, Right-Angle, Surface Mount, ZIF, Top Contact Style, 8 Circuits, Gold (Au) Plating

Series Number : 54550

Status : Active

Product Category : FFC / FPC Connectors

Documents & Resources

Drawings

[Drawing 545500872_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 545500872.dxf](#)

[2D Drawing DXF \(PDF\) 545500872.pdf](#)

[3D Model 545500872_stp.zip](#)


Specifications

[Packaging Specification SPK-54550-056-001.pdf](#)

[Product Specification 545500000-PS-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 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 | 54550 |
| Description | 0.50mm Pitch Easy-On FFC/FPC Connector, 1.20mm Height, Right-Angle, Surface Mount, ZIF, Top Contact Style, 8 Circuits, Gold (Au) Plating |
| Comments | Brown Actuator |
| Product Family | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| UPC | 196823018091 |

Electrical

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

Physical

| | |
|--------------------------------|------------------------|
| Actuator Type | Slider |
| Circuits (Loaded) | 8 |
| Color - Resin | Natural |
| Contact Position | Top |
| Durability (mating cycles max) | 20 |
| Mated Height | 1.20mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 56.451/mg |

| | |
|-------------------------------|-----------------------|
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.50mm |
| Polarized to PCB | Yes |
| 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> |