



Part Number : 5035661102

Series Number : 503566

Product Category : FFC / FPC Connectors

Product Description : 0.30mm Pitch Easy-On FPC Connector, Right-Angle, Bottom Contact, 0.95mm Height, 11 Circuits, Gold over Nickel Plating

Status : Active

Documents & Resources


Drawings
Drawing 5035661102_sd.pdf

3D Models and Design Files
3D Model 5035661102_stp.zip

Specifications
Application Specification 5035660000-A00.pdf
Packaging Specification 5035669200-200.pdf
Product Specification 5035660000-000.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | 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 | 503566 |
| Description | 0.30mm Pitch Easy-On FPC Connector, Right-Angle, Bottom Contact, 0.95mm Height, 11 Circuits, Gold over Nickel Plating |
| Product Family | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| UPC | 191128129749 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.3A |
| Voltage - Maximum | 50V |

Physical

| | |
|--------------------------------|------------------------|
| Actuator Type | Front Flip |
| Circuits (Loaded) | 11 |
| Circuits (maximum) | 11 |
| Color - Resin | Natural |
| Contact Position | Bottom |
| Durability (mating cycles max) | 10 |
| Mated Height | 0.95mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 20.154/mg |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |

| | |
|-------------------------------|----------------|
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | None |
| Pitch - Mating Interface | 0.30mm |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Wire/Cable Type | FPC only |

Solder Process Data

| | |
|------------------------------|--------|
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 2 |
| Max-Temp | 250 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|--|--------------|
| 0.30mm Pitch Premo-Flex FPC Jumpers with Latching Ears | <u>15032</u> |