Part Number : 527461870

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 18 Circuits, Tin-Bismuth Plating

Series Number : 52746

Status : Active

Product Category : FFC / FPC Connectors

## Documents & Resources

### Drawings

Drawing 527461870_sd.pdf

### 3D Models and Design Files

2D Drawing DXF 527461870.dxf

2D Drawing DXF (PDF) 527461870.pdf

3D Model 527461870_stp.zip

### Specifications

Packaging Specification SPK-52746-002-001.pdf

Product Specification PS-52746-016-001.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 | 52746 |
| Description | Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 18 Circuits, Tin-Bismuth Plating |
| Series Name | Slider |
| Product Family | Easy-On FFC FPC Connectors |
| Product Name | Easy-On |
| UPC | 822348123780 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Electrical

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

### Physical

| | |
|---|---|
| Actuator Type | Slider |
| Circuits (Loaded) | 18 |
| Color - Resin | Natural |
| Contact Position | Bottom |
| Durability (mating cycles max) | 20 |
| Flammability | 94V-0 |
| Mated Height | 2.00mm |

| | |
|---|---|
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin-Bismuth |
| Material - Plating Termination | Tin-Bismuth |
| Material - Resin | Nylon |
| Net Weight | 212.200/mg |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PC Tail Length | 2.00mm |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | Yes |
| Pitch - Mating Interface | 0.50mm |
| Pitch - Termination 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 | 15166 |
| 0.50mm Pitch Premo-Flex FFC Jumpers | 15266 |
| 0.50mm Pitch Premo-Flex FFC Jumpers | 98266 |
| 0.50mm Pitch Premo-Flex FFC Jumpers | 15366 |