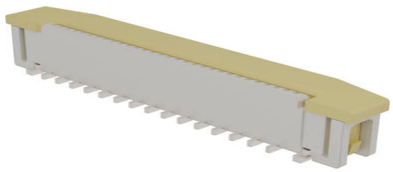
**Part Number :** 525593072
**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 30 Circuits, Tin-Bismuth Plating
**Series Number :** 52559
**Status :** Active
**Product Category :** FFC / FPC Connectors



## Documents and Resources

### Drawings

525593072_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

525593072.dxf

### Specifications

525590003-A00.pdf

SPK-52559-003-001.pdf

PS-52559-012-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | FFC / FPC Connectors |
| Series | Slider |
| Description | Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 30 Circuits, Tin-Bismuth Plating |
| Contact Type | N/A |
| Product Name | Easy-On |
| UPC | 822348126392 |

### Agency

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

### Electrical

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

### Physical

| | |
|---|---|
| Actuator Type | Slider |

| | |
|---|---|
| Circuits (Loaded) | 30 |
| Color - Resin | Natural |
| Contact Position | N/A |
| Durability (mating cycles max) | 20 |
| Flammability | 94V-0 |
| Mated Height | 3.90mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin-Bismuth |
| Material - Plating Termination | Tin-Bismuth |
| Material - Resin | Nylon |
| Net Weight | 371.302/mg |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Mounting | Surface Mount |
| PCB Retention | No |
| PC Tail Length | 2.00mm |
| Pitch - Mating Interface | 0.50mm |
| Pitch - Termination Interface | 0.50mm |
| Polarized to PCB | No |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |
| Wire/Cable Type | FFC/FPC |

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## 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 | 15366 |
| 0.50mm Pitch Premo-Flex FFC Jumpers | 98266 |