



Part Number : [522711679](#)

Series Number : 52271

Product Category : FFC / FPC Connectors

Product Description : Easy-On FFC/FPC Connector, 1.00mm Pitch, Slider Series, Right-Angle, Bottom Contact, 3.00mm Height, 16 Circuits, Tin-Bismuth Plating

Status : Active

Documents & Resources

Drawings

[Drawing 522711679\\_sd.pdf](#)

3D Models and Design Files

[3D Model 522711679\\_stp.zip](#)

Specifications

[Application Specification AS-52271-001-001.pdf](#)

[Packaging Specification SPK-52271-002-001.pdf](#)

[Product Specification PS-52271-053-001.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

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### Part Details

#### General

|                |                                                                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                                                               |
| Category       | FFC / FPC Connectors                                                                                                                 |
| Series         | 52271                                                                                                                                |
| Description    | Easy-On FFC/FPC Connector, 1.00mm Pitch, Slider Series, Right-Angle, Bottom Contact, 3.00mm Height, 16 Circuits, Tin-Bismuth Plating |
| Series Name    | Slider                                                                                                                               |
| Product Family | Easy-On FFC FPC Connectors                                                                                                           |
| Product Name   | Easy-On                                                                                                                              |
| UPC            | 822348148752                                                                                                                         |

#### Agency

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

#### Electrical

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

#### Physical

|                                |         |
|--------------------------------|---------|
| Actuator Type                  | Slider  |
| Circuits (Loaded)              | 16      |
| Circuits (maximum)             | 16      |
| Color - Resin                  | Natural |
| Contact Position               | Bottom  |
| Durability (mating cycles max) | 30      |
| Flammability                   | 94V-0   |

|                                |                       |
|--------------------------------|-----------------------|
| Mated Height                   | 3.00mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Tin-Bismuth           |
| Material - Plating Termination | Tin-Bismuth           |
| Material - Resin               | Nylon                 |
| Net Weight                     | 708.000/mg            |
| Orientation                    | Right Angle           |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Mounting                   | Surface Mount         |
| PCB Retention                  | Yes                   |
| Pitch - Mating Interface       | 1.00mm                |
| Pitch - Termination Interface  | 1.00mm                |
| Polarized to PCB               | Yes                   |
| 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  |
|-------------------------------------|--------------|
| 1.00mm Pitch Premo-Flex FFC Jumpers | <u>15167</u> |
| 1.00mm Pitch Premo-Flex FFC Jumpers | <u>15267</u> |
| 1.00mm Pitch Premo-Flex FFC Jumpers | <u>98267</u> |