



**Part Number :** [524353072](#)  
**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 30 Circuits, Tin-Bismuth Plating  
**Series Number :** 52435  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



## Documents & Resources

**Drawings**  
[524353072\\_sd.pdf](#)

**3D Models and Design Files**  
[524353072.dxf](#)  
[524353072.pdf](#)  
[524353072\\_stp.zip](#)

**Specifications**  
[SPK-52435-001-001.pdf](#)  
[PS-52435-024-001.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(2024)6225-DC (07 Nov 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       | 52435                                                                                                                             |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 30 Circuits, Tin-Bismuth Plating |
| Series Name  | Slider                                                                                                                            |
| Product Name | Easy-On                                                                                                                           |
| UPC          | 822348124176                                                                                                                      |

#### 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               | Top     |
| 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                     | 375.500/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  | -20° 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 | <u>15166</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15266</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15366</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>98266</u> |

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