



**Part Number :** [524372872](#)  
**Product Description :** Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 28 Circuits, Tin-Bismuth Plating  
**Series Number :** 52437  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



Documents & Resources

**Drawings**  
[524372872\\_sd.pdf](#)

**3D Models and Design Files**  
[524372872\\_stp.zip](#)

**Specifications**  
[SPK-52437-001-001.pdf](#)  
[PS-52437-026-001.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       | 52437                                                                                                                                |
| Description  | Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 28 Circuits, Tin-Bismuth Plating |
| Series Name  | Slider                                                                                                                               |
| Product Name | Easy-On                                                                                                                              |
| UPC          | 822348122240                                                                                                                         |

#### Agency

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

#### Electrical

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

#### Physical

|                                |                 |
|--------------------------------|-----------------|
| Actuator Type                  | Slider          |
| Circuits (Loaded)              | 28              |
| Color - Resin                  | Natural         |
| Contact Position               | Bottom          |
| Durability (mating cycles max) | 20              |
| Flammability                   | 94V-0           |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin-Bismuth     |
| Material - Plating Termination | Tin-Bismuth     |

|                               |                       |
|-------------------------------|-----------------------|
| Material - Resin              | Nylon                 |
| Net Weight                    | 354.900/g             |
| Orientation                   | Right Angle           |
| Packaging Type                | Embossed Tape on Reel |
| PC Tail Length                | 2.00mm                |
| PCB Locator                   | No                    |
| PCB Mounting                  | Surface Mount         |
| PCB Retention                 | None                  |
| 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               |

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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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