



Part Number : [524372471](#)

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 24 Circuits, Gold Plating

Series Number : 52437

Status : Active

Product Category : FFC / FPC Connectors

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## Documents & Resources

### Drawings

[Drawing 524372471\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 524372471\\_stp.zip](#)

### Specifications


[Packaging Specification SPK-52437-001-001.pdf](#)

[Product Specification PS-52437-027-001.pdf](#)

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## 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	52437
Description	Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 24 Circuits, Gold Plating
Series Name	Slider
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822348127719

### Agency

UL	E29179
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### Electrical

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

### Physical

Actuator Type	Slider
Circuits (Loaded)	24
Color - Resin	Natural
Contact Position	Bottom
Durability (mating cycles max)	20
Flammability	94V-0
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic

Net Weight	315.440/mg
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	None
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
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>15020</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15120</u>