



Part Number : 524372171

Series Number : 52437

Product Category : FFC / FPC Connectors

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Bottom Contact, 2.00mm Height, 21 Circuits, Gold Plating

Status : Active

Documents & Resources

Drawings

Drawing 524372171\_sd.pdf

3D Models and Design Files

3D Model 524372171\_stp.zip


Specifications

Packaging Specification SPK-52437-001-001.pdf

Product Specification PS-52437-027-001.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(2023)8585-DC (23 Jan 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

---

### 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, 21 Circuits, Gold Plating
Series Name	Slider
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822350128285

#### Agency

UL	E29179
----	--------

#### Electrical

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

#### Physical

Actuator Type	Slider
Circuits (Loaded)	21
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	284.560/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

---

## 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>