



Part Number : [527450896](#)

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 8 Circuits, Tin-Bismuth

Series Number : 52745

Status : Active

Product Category : FFC / FPC Connectors

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## Documents & Resources

### Drawings

[Drawing 527450896\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 527450896.dxf](#)

[2D Drawing DXF \(PDF\) 527450896.pdf](#)

[3D Model 527450896\\_stp.zip](#)

### Specifications


[Packaging Specification SPK-52745-002-001.pdf](#)

[Product Specification PS-52745-050-001.pdf](#)

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## 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

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## Part Details

### General

Status	Active
Category	FFC / FPC Connectors
Series	52745
Description	Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Right-Angle, Top Contact, 2.00mm Height, 8 Circuits, Tin-Bismuth
Series Name	Slider
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822348118410

### Agency

UL	E29179
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### Electrical

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

### Physical

Actuator Type	Slider
Circuits (Loaded)	8
Color - Resin	Black, White
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	141.040/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>