molex
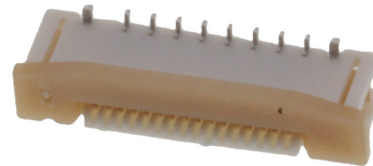
Part Number : 525591652

Product Description : Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 16 Circuits, Gold Plating

Series Number : 52559

Status : Active

Product Category : FFC / FPC Connectors

Documents & Resources

Drawings
Drawing 525591652_sd.pdf

3D Models and Design Files
2D Drawing DXF 525591652.dxf
2D Drawing DXF (PDF) 525591652.pdf
3D Model 525591652_stp.zip

Specifications
Application Specification AS-52559-001-001.pdf
Packaging Specification SPK-52559-003-001.pdf
Product Specification PS-52559-013-001.pdf

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(2023)3788-DC (14 Jun 2023)
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	52559
Description	Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 16 Circuits, Gold Plating
Series Name	Slider
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822348533855

Agency

UL	E29179

Electrical

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

Physical

Actuator Type	Slider
Circuits (Loaded)	16
Contact Position	N/A
Durability (mating cycles max)	20
Flammability	94V-0
Mated Height	3.90mm
Material - Metal	Phosphor Bronze

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	232.046/mg
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Polarized to PCB	No
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	15020
0.50mm Pitch Premo-Flex FFC Jumpers	15120

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