

Part Number : 525592452

Series Number: 52559

Product Description: Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 24 Circuits, Gold

Plating

Status: Active

Product Category: FFC / FPC Connectors

#### **Documents & Resources**

#### **Drawings**

Drawing 525592452\_sd.pdf

### 3D Models and Design Files

2D Drawing DXF 525592452.dxf

2D Drawing DXF (PDF) 525592452.pdf

3D Model 525592452\_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	<b>©</b>
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	52559
Description	Easy-On FFC/FPC Connector, 0.50mm Pitch, Slider Series, Vertical, 3.90mm Height, 24 Circuits, Gold Plating
Series Name	Slider
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822348533800

# Agency

### **Electrical**

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

# Physical

Actuator Type	Slider
Circuits (Loaded)	24
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	310.918/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	<u>15020</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15120</u>

This document was generated on Jun 18, 2024