Part Number : 545501071
Product Description : 0.50mm Pitch Easy-On FFC/FPC Connector, 1.20mm Height, Right-Angle, Surface Mount, ZIF, Top Contact Style, 10 Circuits, Gold (Au) Contact Plating
Series Number : 54550
Status : Obsolete
Product Category : FFC / FPC Connectors



Obsolete

Documents and Resources

Symbol and Footprint (Multi-Format)

Specifications

SPK-54550-056-001.pdf

PS-54550-012-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

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Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Obsolete
Category	FFC / FPC Connectors
Series	54550
Description	0.50mm Pitch Easy-On FFC/FPC Connector, 1.20mm Height, Right-Angle, Surface Mount, ZIF, Top Contact Style, 10 Circuits, Gold (Au) Contact Plating
Comments	Brown Actuator
Contact Type	Top
Product Name	Easy-On
UPC	822348180868

Electrical

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

Physical

Actuator Type	Slider
Circuits (Loaded)	10
Color - Resin	Natural
Contact Position	Top
Durability (mating cycles max)	20
Mated Height	1.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	63.912/mg

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Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +85°C
Wire/Cable Type	FFC/FPC

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