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Part Number: <u>0525592452</u>

Status: Active

Overview:

Description: 0.50mm (.020") Pitch FFC/FPC Connector, Vertical, SMT, ZIF, 24 Circuits, Lead-free,

Gold Contact Plating, High Barrier Packaging

**Agency Certification** 

UL E29179

General

Product Family FFC/FPC Connectors

 Series
 52559

 Overview
 ffc\_fpc\_smt

 Product Name
 N/A

**Physical** 

 Circuits (Loaded)
 24

 Contact Position
 N/A

 Durability (mating cycles max)
 20

 Entry Angle
 Vertical

 Flammability
 94V-0

 Mated Height (in)
 0.154 In

 Mated Height (mm)
 3.90 mm

Material - Metal Phosphor Bronze

Material - Plating MatingGoldMaterial - Plating TerminationTinMaterial - ResinNylonNumber of Rows1OrientationVerticalPCB LocatorNoPCB RetentionYes

Packaging Type Embossed Tape on Reel

Pitch - Mating Interface (in) 0.020 In
Pitch - Mating Interface (mm) 0.50 mm
Polarized to PCB No
Stackable No

Temperature Range - Operating -20°C to +85°C
Termination Interface: Style Surface Mount
Wire/Cable Type FFC/FPC

**Electrical** 

Current - Maximum per Contact 0.5A

Voltage - Maximum 50V AC (RMS)/DC

**Material Info** 

**Reference - Drawing Numbers** 

Application Specification AS-52559-001

Packaging Specification SPK-52559-001, SPK-52559-003

Product Specification PS-52559-013, RPS-52559-062, RPS-52559-064, RPS-52559-068, RPS-52559-070, RPS-52559-072

Sales Drawing SD-52559-048, SD-52559-049

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EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Not Halogen-Free

China RoHS

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, <u>click here</u>

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

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