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Part Number:	0525592470
Status:	Contact Molex
Description:	0.50mm (.020") Pitch FFC/FPC Connector, Vertical, SMT, ZIF, 24 Circuits, Lead-free

Documents:

[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52559-012 \(PDF\)](#)
[Packaging Specification SPK-52559-003 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family	FFC/FPC Connectors
Series	<u>52559</u>
Product Name	N/A

Physical

Circuits (Loaded)	24
Color - Resin	Natural
Contact Position	N/A
Durability (mating cycles max)	20
Entry Angle	Vertical
Flammability	94V-0
Mated Height	3.90mm (.154")
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm (.020")
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC

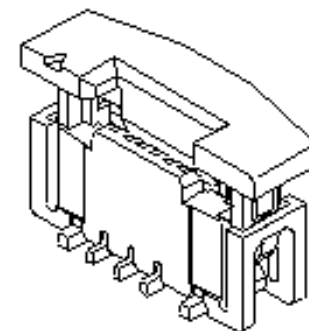
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-52559-003
Product Specification	PS-52559-012, RPS-52559-033, RPS-52559-049, RPS-52559-052, RPS-52559-054, RPS-52559-055, RPS-52559-073, RPS-52559-076, RPS-52559-077
Sales Drawing	SD-52559-029, SD-52559-045



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen**

China RoHS



Need more information on product environmental compliance?

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

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

52559Series