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**Part Number:** [0525590672](#)  
**Status:** **Contact Molex**  
**Description:** 0.50mm (.020") Pitch FFC/FPC Connector, Vertical, SMT, ZIF, 6 Circuits, Lead-free, with Tape Packaging Center Placement Holes

**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 [52559](#)  
Product Name N/A

**Physical**

Circuits (Loaded) 6  
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 - Resin Nylon  
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

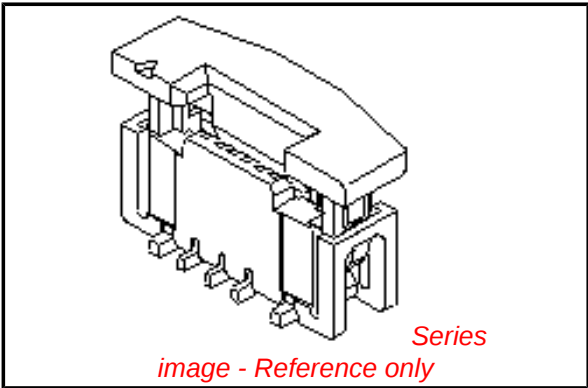
**Electrical**

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-52559-049, RPS-52559-052, RPS-52559-053, RPS-52559-054, RPS-52559-055, RPS-52559-057, RPS-52559-069, RPS-52559-073, RPS-52559-076, RPS-52559-077, RPS-52559-079  
[Sales Drawing](#) SD-52559-028, SD-52559-045



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



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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](#)

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