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**Part Number:** **0527451496**  
**Status:** **Contact Molex**  
**Description:** 0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Top Contact Style, 14 Circuits, Lead-free, High Barrier Packaging

**Documents:**

[3D Model](#) [Product Specification PS-52745-050 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family FFC/FPC Connectors  
 Series [52745](#)  
 Product Name N/A

**Physical**

Circuits (Loaded) 14  
 Color - Resin Black, White  
 Contact Position Top  
 Durability (mating cycles max) 20  
 Entry Angle 90° Angle  
 Flammability 94V-0  
 Mated Height 2.00mm (.079")  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin-Bismuth  
 Material - Plating Termination Tin-Bismuth  
 Number of Rows 1  
 Orientation Right Angle  
 PCB Locator No  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.50mm (.020")  
 Polarized to PCB Yes  
 Stackable No  
 Temperature Range - Operating -20°C to +85°C  
 Termination Interface: Style Surface Mount  
 Wire/Cable Type FFC/FPC

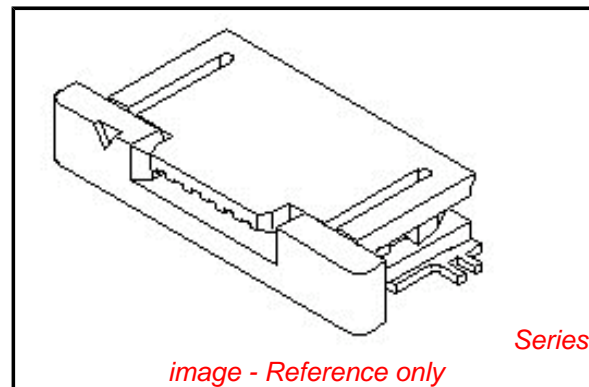
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification AS-52745-001  
 Packaging Specification SPK-52745-002  
 Product Specification PS-52745-050, RPS-52745-048, RPS-52745-049, RPS-52745-051, RPS-52745-059, RPS-52745-067, RPS-52745-069, RPS-52745-070, RPS-52745-073  
 Sales Drawing SD-52745-048, SD-52745-049



**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](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**

[52745Series](#)

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