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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	Application Specification AS-52745-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-52745-002 (PDF)
Product Specification PS-52745-050 (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

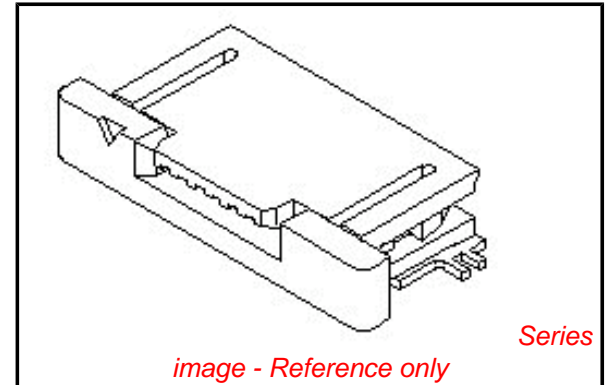


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EU RoHS

**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

52745Series

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