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Part Number: **0527450896**
Status: **Contact Molex**
Description: 0.50mm (.020") Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Top Contact Style, 8 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 | <u>52745</u> |
| Product Name | N/A |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 8 |
| 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 |

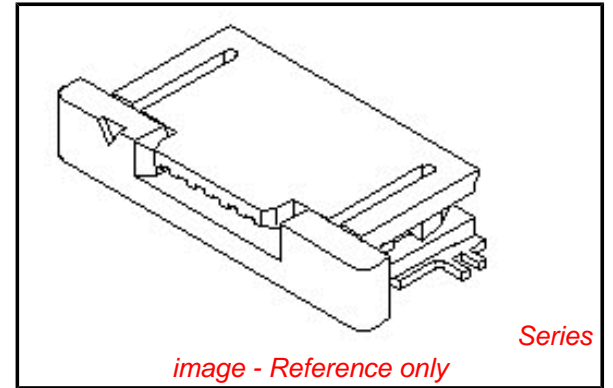
Electrical

| | |
|-------------------------------|------|
| 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
 Not Reviewed
Low-Halogen Status
 Not Reviewed

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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