

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [52745-1097](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch FFC/FPC Connector, Right Angle, SMT, ZIF, Top Contact Style, 10 Circuits, Lead-Free, Gold (Au) Contact Plating, High Barrier Packaging

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-52745-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-52745-002 (PDF) |
| Product Specification PS-52745-051 (PDF) | RoHS Certificate of Compliance (PDF) |

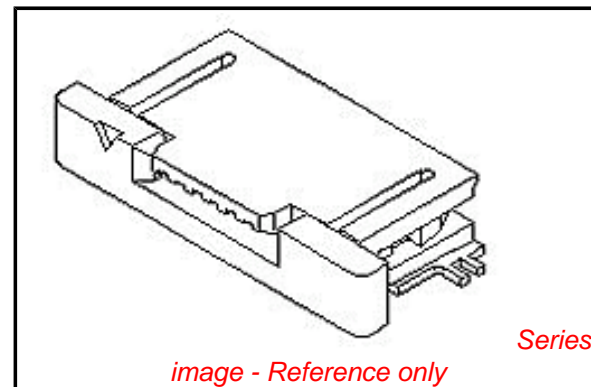


image - Reference only

Agency Certification

UL E29179

General

| | |
|----------------|-------------------------------|
| Product Family | FFC/FPC Connectors |
| Series | 52745 |
| Overview | FFC-FPC (SMT) |
| Product Name | N/A |
| UPC | 822348250486 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 10 |
| Color - Resin | Black, White |
| Contact Position | Top |
| Durability (mating cycles max) | 20 |
| Entry Angle | 90° Angle |
| Flammability | 94V-0 |
| Mated Height | 2.00mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Net Weight | 157.610/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.50mm |
| 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-52745-051, RPS-52745-056, RPS-52745-060, RPS-52745-061, RPS-52745-062, RPS-52745-063, RPS-52745-064, RPS-52745-065, RPS-52745-066, |

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](#)

Sales Drawing

RPS-52745-068, RPS-52745-071, RPS-52745-072,
RPS-52745-074, RPS-52745-075, RPS-52745-077
SD-52745-050, SD-52745-051

This document was generated on 02/04/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION