

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** 0520450945  
**Status:** Active  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** FFC/FPC Connector, Non-ZIF, Vertical Receptacle, 9 Circuits

**Documents:**  
[3D Model](#) [Product Specification PS-52045-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**  
UL E29179

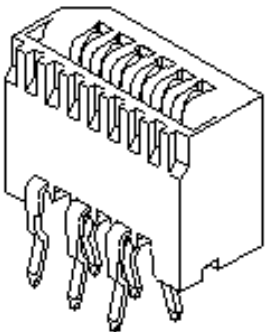
**General**  
Product Family FFC/FPC Connectors  
Series 52045  
Overview FFC-FPC (Through-Hole)  
Product Name Non-ZIF  
UPC 800753572188

**Physical**  
Circuits (Loaded) 9  
Color - Resin Gray  
Contact Position N/A  
Entry Angle Vertical  
Mated Height 8.00mm  
Material - Metal Phosphor Bronze  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin Polyester  
Net Weight 824.400/mg  
Number of Rows 1  
Orientation Vertical  
PC Tail Length 3.50mm  
PCB Retention None  
Packaging Type Tray  
Pitch - Mating Interface 1.25mm  
Plating min - Mating 0.914µm  
Plating min - Termination 0.914µm  
Polarized to PCB Yes  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +85°C  
Termination Interface: Style Through Hole - Kinked Pin  
Wire/Cable Type FFC/FPC

**Electrical**  
Current - Maximum per Contact 1.0A  
Voltage - Maximum 200V

**Material Info**

**Reference - Drawing Numbers**  
Product Specification PS-52045-001  
Sales Drawing SD-52045-\*\*45



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per -  
ED/30/2017 (7 July  
2017)  
**Halogen-Free**  
**Status**  
**Not Low-Halogen**  
**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**  
52045 Series

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[52045-0945](#)