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**Part Number:** [52045-4045](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** FFC/FPC Connector, Non-ZIF, Vertical Receptacle, 40 Circuits

**Documents:**  
[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family FFC/FPC Connectors  
Series [52045](#)  
Overview [FFC-FPC \(Through-Hole\)](#)  
Product Name N/A  
UPC 800753571778

**Physical**

Circuits (Loaded) 40  
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 3071.200/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

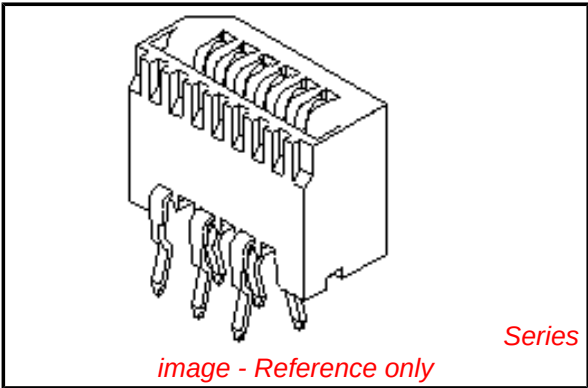
**Electrical**

Current - Maximum per Contact 1A  
Voltage - Maximum 200V

**Material Info**

**Reference - Drawing Numbers**

Product Specification RPS-52045-003, RPS-52045-006  
Sales Drawing SD-52045-\*\*-45



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**



**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](#)

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**Search Parts in this Series**  
[52045Series](#)

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