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**Part Number:** [0520450445](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** FFC/FPC Connector, Non-ZIF, Vertical Receptacle, 4 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 N/A  
 UPC 800753572102

**Physical**

Circuits (Loaded) 4  
 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 459.100/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

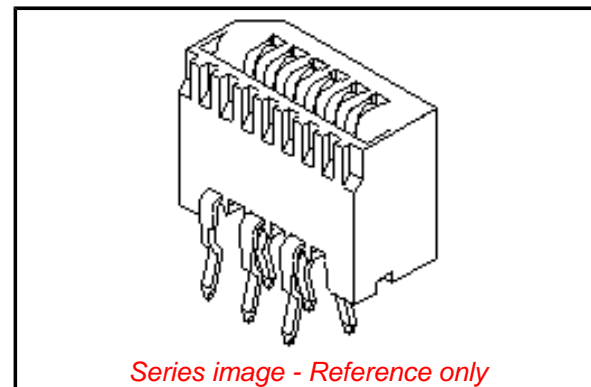
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-52045-001, RPS-52045-003, RPS-52045-006  
 Sales Drawing SD-52045-\*\*45



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/79/2015 (17  
 December 2015)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
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 non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

52045 Series

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