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**Part Number:** **0520453145**  
**Status:** **Active**  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** FFC/FPC Connector, Non-ZIF, Vertical Receptacle, 31 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 800753571648

**Physical**

Circuits (Loaded) 31  
 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 2420.600/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

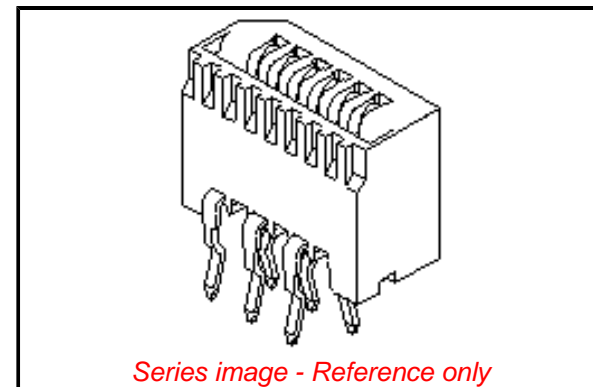
**Electrical**

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**

**Compliant**

**China RoHS**

**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](#)

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