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**Part Number:** **0520451845**  
**Status:** **Active**  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** FFC/FPC Connector, Non-ZIF, Vertical Receptacle, 18 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 800753571907

**Physical**

Circuits (Loaded) 18  
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 1474.900/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



**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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