

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0520452145](#)
Status: **Active**
Description: 1.25mm (.049") Vertical, Non-ZIF Receptacle, 21 Circuits

Documents:

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

General

Product Family FFC/FPC Connectors
 Series [52045](#)
 Product Name N/A

Physical

Circuits (Loaded) 21
 Color - Resin Gray
 Contact Position N/A
 Entry Angle Vertical
 Mated Height (in) 0.315 In
 Mated Height (mm) 8.00 mm
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Polyester
 Number of Rows 1
 Orientation Vertical
 PC Tail Length (in) 0.138 In
 PC Tail Length (mm) 3.50 mm
 PCB Retention None
 Packaging Type Tray
 Pitch - Mating Interface (in) 0.049 In
 Pitch - Mating Interface (mm) 1.25 mm
 Plating min: Mating (µin) 32.00
 Plating min: Mating (µin) 36
 Plating min: Mating (µm) 0.800
 Plating min: Mating (µm) 0.90
 Plating min: Termination (µin) BARB
 Plating min: Termination (µm) 0.80
 Plating min: Termination (µm) 0.90
 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

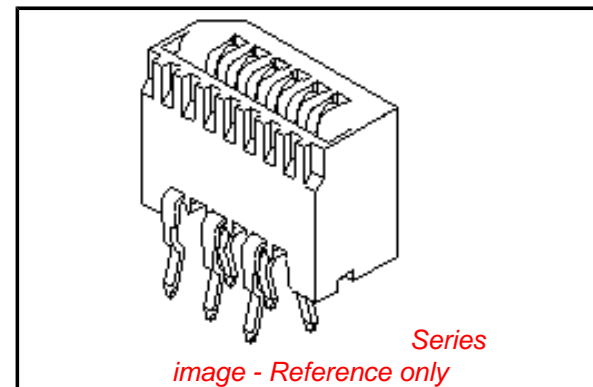
Electrical

Current - Maximum 0.5A
 Current - Maximum 1A
 UL E29179
 Voltage - Maximum 200V

Material Info

Reference - Drawing Numbers

Product Specification PS-52045-001
 Sales Drawing SD-52045-**45



EU RoHS

**ELV and RoHS
 Compliant**
**REACH SVHC
 Contains SVHC: No**
**Halogen-Free
 Status
 Not Reviewed**

China RoHS



**Need more information on product
 environmental compliance?**

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

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

This document was generated on 11/05/2009

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION