

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [52089-0419](#)  
**Status:** **Active**  
**Overview:** FFC-FPC (Through-Hole)  
**Description:** 1.00mm Pitch FFC/FPC Connector, Through-Hole, Right Angle, Low Profile, ZIF, Top Contact Style Receptacle, 4 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Packaging Specification SPK-52089-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52089-013 \(PDF\)](#)

**General**

Product Family FFC/FPC Connectors  
 Series [52089](#)  
 Overview [FFC-FPC \(Through-Hole\)](#)  
 Product Name N/A

**Physical**

Circuits (Loaded) 4  
 Color - Resin Natural  
 Contact Position Top  
 Durability (mating cycles max) 20  
 Entry Angle 90° Angle  
 Mated Height 3.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin-Bismuth  
 Material - Plating Termination Tin-Bismuth  
 Material - Resin Nylon, Polyester  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 2.00mm  
 PCB Retention None  
 PCB Thickness - Recommended 0.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.00mm  
 Plating min - Mating 1.016µm  
 Plating min - Termination 1.016µm  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -20°C to +80°C  
 Termination Interface: Style Through Hole  
 Wire/Cable Type FFC/FPC

**Electrical**

Current - Maximum per Contact 0.2A, 0.4A, 0.5A  
 Voltage - Maximum 50V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-52089-001  
 Product Specification PS-52089-013, RPS-52089-011, RPS-52089-014  
 Sales Drawing SD-52089-001

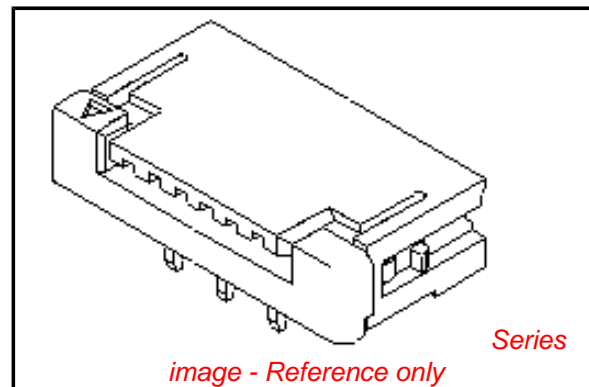


image - Reference only

**EU RoHS**

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

**China RoHS**



**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](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[52089Series](#)

This document was generated on 03/26/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**