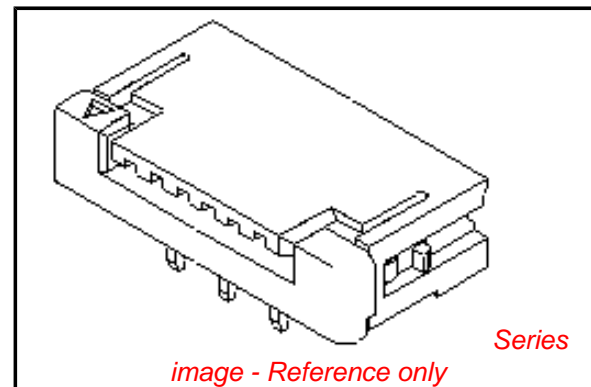


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [52089-0819](#)  
**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, 8 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)	8
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

**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**