

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [54550-1094](#)
Status: **Active**
Description: 0.50mm Pitch FFC/FPC Connector, 1.20mm Height, Right Angle, SMT, ZIF, Top Contact Style, 10 Circuits, Lead-Free

Documents:

[3D Model](#) [Packaging Specification SPK-54550-056 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54550-011 \(PDF\)](#)

General

Product Family	FFC/FPC Connectors
Series	54550
MolexKits	Yes
Product Name	N/A
UPC	822348116256

Physical

Circuits (Loaded)	10
Color - Resin	Natural
Contact Position	Top
Durability (mating cycles max)	20
Entry Angle	90° Angle
Mated Height	1.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	High Temperature Thermoplastic
Net Weight	64.111/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Wire/Cable Type	FFC/FPC

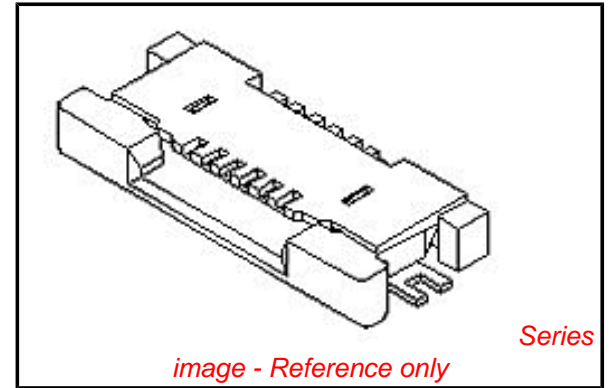
Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-54550-056
Product Specification	PS-54550-011, RPS-54548-079, RPS-54550-075, RPS-54550-077, RPS-54550-079, RPS-54550-081, RPS-54550-082, RPS-54550-084
Sales Drawing	SD-54550-019, SD-54550-020



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
 Not Reviewed
Low-Halogen Status
Not Low-Halogen

China RoHS



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

Email 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

54550Series

This document was generated on 03/08/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [FFC & FPC Connectors](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[HFW11R-1STE1H1LF](#) [FH29B-100S-0.2SHW\(99\)](#) [FA5S008HP1](#) [FH29B-120S-0.2SHW\(99\)](#) [FH29B-80S-0.2SHW\(99\)](#) [FHS-16](#) [FPH-2022G](#)
[52610-1075](#) [52610-1275](#) [52610-1934](#) [XF3M\(1\)-1415-1B-R100](#) [501864-3091-TR225](#) [0525594033](#) [086210010340800](#) [086222026001800](#)
[52271-2869-CUT-TAPE](#) [62674-201121DLF](#) [62684-36210E9ALF](#) [52610-1675](#) [52746-1671-TR250](#) [10051922-2810EHLF](#) [6-520415-9](#)
[BD021-09A-A1-0350-0200-0550-LD](#) [SFV6R-1STE9HLF](#) [XF3M-2915-1B-R100](#) [1658549-1](#) [62674-221121ALF](#) [46214008010800](#)
[046298003000883](#) [151660622](#) [842-816-2630-035](#) [AYF530665TA](#) [AYF351525](#) [046296011930846+](#) [AYF352325A](#) [046254020000800+](#)
[FH19C-13S-0.5SH\(99\)](#) [FH39J-51S-0.3SHW\(99\)](#) [AYF355125A](#) [AYF530365TA](#) [FH29B-44S-0.2SHW\(99\)](#) [SFW5R-2STAE9LF](#) [AYF351125A](#)
[AYF350725A](#) [62684-502100AHLF](#) [FH39-61S-0.3SHW\(99\)](#) [AYF414035A](#) [10064555-172520HLF](#) [AYF212335A](#) [504754-2500](#)