

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [54548-1870](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 0.50mm Pitch Easy-On™ Type FFC/FPC Connector, 1.20mm Height, Right Angle, SMT, ZIF, Bottom Contact Style, 18 Circuits, Lead-Free

Documents:

[3D Model](#) [Packaging Specification SPK-54548-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54548-038 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family FFC/FPC Connectors
 Series [54548](#)
 Overview [FFC-FPC \(SMT\)](#)
 Product Name Easy-On™
 UPC 822348128969

Physical

Circuits (Loaded) 18
 Color - Resin Black, Natural
 Contact Position Bottom
 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 94.202/mg
 Number of Rows 1
 Orientation Right Angle
 PCB Locator No
 PCB Retention Yes
 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

Package Specification SPK-54548-001

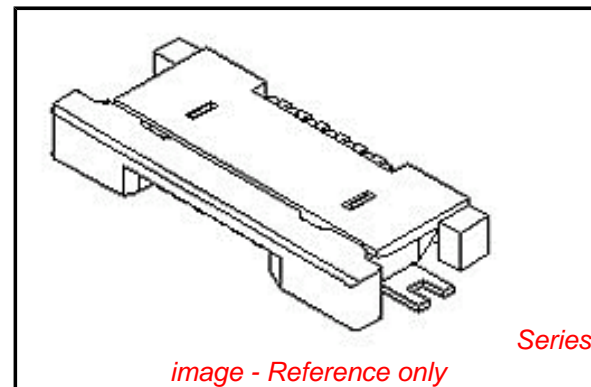


image - Reference only

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
 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
[54548Series](#)

Product Specification

Sales Drawing

PS-54548-038, RPS-54548-079, RPS-54548-080,
RPS-54548-082, RPS-54548-084, RPS-54548-086,
RPS-54548-090, RPS-54548-098, RPS-54548-100
SD-54548-037, SD-54548-038

This document was generated on 03/26/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION