

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5019121590](#)
Status: **Active**
Overview: FFC-FPC (SMT)
Description: 0.30mm Pitch Easy-On FPC Connector, Right Angle, Surface Mount, Bottom Contact Style, 1.80mm Mated Height, 15 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-501912-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501912-001-001 \(PDF\)](#)

General

Product Family FFC/FPC Connectors
 Series [501912](#)
 Overview [FFC-FPC \(SMT\)](#)
 Product Name Easy-On
 Type Front Flip
 UPC 822350564915

Physical

Circuits (Loaded) 15
 Circuits (maximum) 15
 Color - Resin Black, Natural
 Contact Position Bottom
 Durability (mating cycles max) 20
 Entry Angle 90° Angle
 Mated Height 1.80mm
 Material - Metal Copper, Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Material - Resin High Temperature Thermoplastic
 Net Weight 80.708/mg
 Number of Rows 1
 Orientation Right Angle
 PCB Locator No
 PCB Retention None
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 0.30mm
 Pitch - Termination Interface 0.30mm
 Plating min - Mating 0.102µm
 Plating min - Termination 0.051µm
 Polarized to PCB No
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Surface Mount
 Wire/Cable Type FPC only

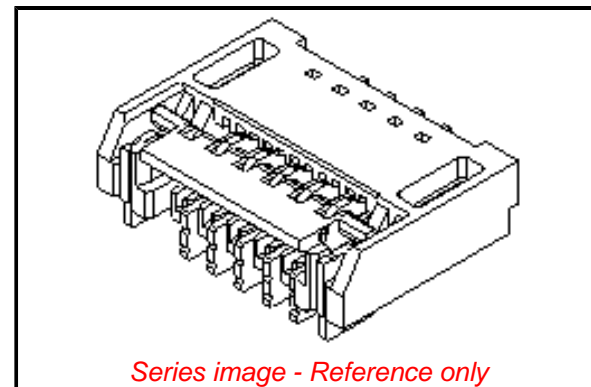
Electrical

Current - Maximum per Contact 0.2A
 Voltage - Maximum 50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-501912-001-001
 Product Specification PS-501912-001-001
 Sales Drawing 5019120000-000, 5019121000-000



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2018 (15
 January 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501912 Series](#)

This document was generated on 02/28/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[501912-1590](#)