

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5019124590](#)
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, 45 Circuits
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=5035664500503566-4500> see comments

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
Comments	Pattern layout, Size Different
Overview	FFC-FPC (SMT)
Product Name	Easy-On
Replacement Part Number	503566-4500 see comments
UPC	822350342667

Physical

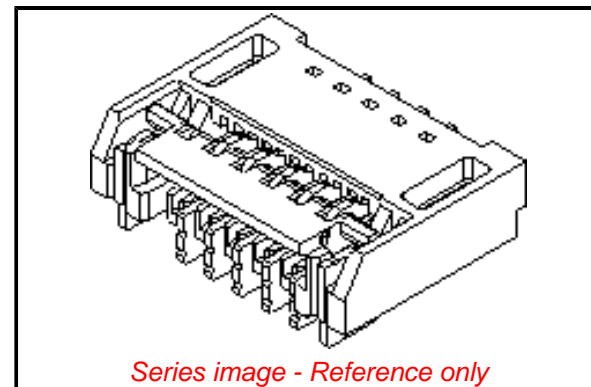
Actuator Type	Flip
Circuits (Loaded)	45
Circuits (maximum)	45
Color - Resin	Black, Natural
Contact Position	Bottom
Durability (mating cycles max)	20
Mated Height	1.80mm
Material - Metal	Copper, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	205.728/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Mounting	Surface Mount
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° to +105°C
Wire/Cable Type	FPC only

Electrical

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

Material Info

Reference - Drawing Numbers



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
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

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501912 Series](#)

Packaging Specification
Product Specification
Sales Drawing

SPK-501912-001-001
PS-501912-001-001
5019120000-000, 5019121000-000

This document was generated on 08/27/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION