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Part Number: [5019124590](#)
Status: **Active**
Overview: [FFC-FPC \(SMT\)](#)
Description: 0.30mm Pitch Easy-On™ Type FPC Connector, Right Angle, Surface Mount, Bottom Contact Style, 1.80mm Mated Height, 45 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™
UPC	822350342667

Physical

Circuits (Loaded)	45
Circuits (maximum)	45
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	205.728/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

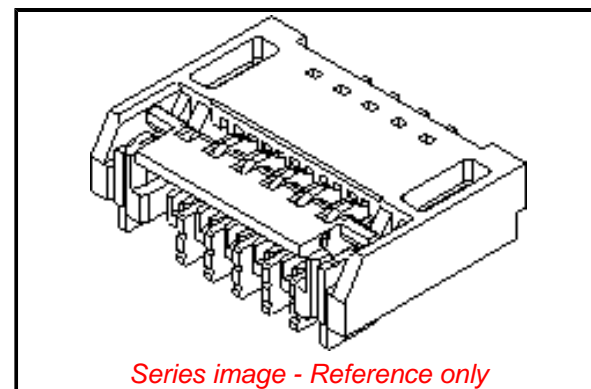
Electrical

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, SD-501912-001, SD-501912-002



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[501912 Series](#)

This document was generated on 05/01/2017

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