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Part Number: [5019122590](#)
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, 25 Circuits
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=5035662500503566-2500> 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 | 503566-2500 see comments |
| UPC | 822350380683 |

Physical

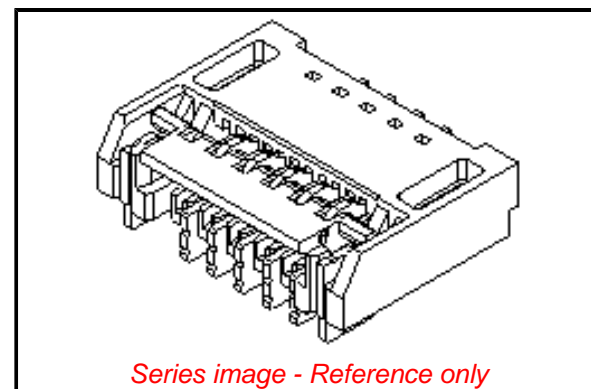
| | |
|--------------------------------|--------------------------------|
| Actuator Type | Flip |
| Circuits (Loaded) | 25 |
| Circuits (maximum) | 25 |
| Color - Resin | Black, Natural |
| Contact Position | Bottom |
| Durability (mating cycles max) | 20 |
| Mated Height | 1.80mm |
| Material - Metal | Copper, Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 122.348/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

China RoHS

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

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