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Part Number:

5019123390

Status:

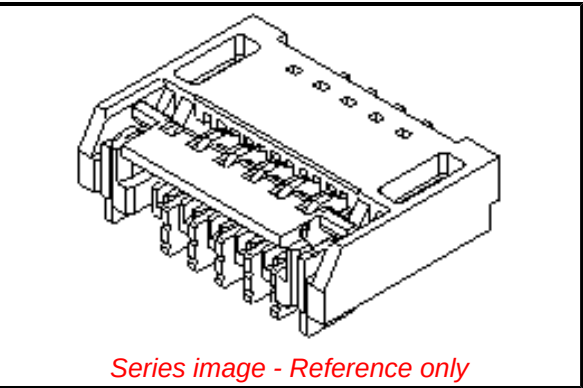
Active

Overview:

FFC-FPC (SMT)

Description:

0.30mm Pitch Easy-On™ Type FPC Connector, Right Angle, Surface Mount, Bottom Contact Style, 1.80mm Mated Height, 33 Circuits



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-501912-001-001 \(PDF\)](#)

[Packaging Specification SPK-501912-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

| General                        |                                |
|--------------------------------|--------------------------------|
| Product Family                 | FFC/FPC Connectors             |
| Series                         | 501912                         |
| Overview                       | FFC-FPC (SMT)                  |
| Product Name                   | Easy-On™                       |
| UPC                            | 822350697583                   |
| Physical                       |                                |
| Circuits (Loaded)              | 33                             |
| Circuits (maximum)             | 33                             |
| 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                     | 155.740/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](mailto: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

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