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Part Number:

5019513010

Status:

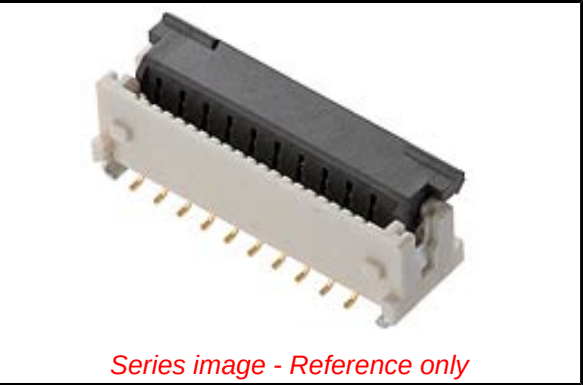
Active

Overview:

FFC-FPC (SMT)

Description:

0.50mm Pitch Easy-On FFC/FPC Connector, Vertical, Surface Mount, Copper Alloy Contacts, Gold Plating, 30 Circuits



Documents:

3D Model

Drawing (PDF)

Product Specification PS-501951-002-001 (PDF)

Packaging Specification 5019519200-201 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Agency Certification           |                                                                                                                                         |
| UL                             | E29179                                                                                                                                  |
| General                        |                                                                                                                                         |
| Product Family                 | FFC/FPC Connectors                                                                                                                      |
| Series                         | 501951                                                                                                                                  |
| Comments                       | Actuator Color is Brown                                                                                                                 |
| Data Load Status               | Collected FY08-Verified FY08                                                                                                            |
| Doc Info - Component           | E-501951-003_J, E-501951-004_F, PS-501951-002_C, RPS-501951-001_A, RPS-501951-002_A, RPS-501951-003_B, RPS-501951-004_A, RPS-501951-005 |
| Made From                      | 0563160028, 5019470018, 5019480018, 5019493008, 5019503009                                                                              |
| Overview                       | FFC-FPC (SMT)                                                                                                                           |
| Product Name                   | Easy-On                                                                                                                                 |
| Type                           | Back Flip                                                                                                                               |
| UPC                            | 822350565219                                                                                                                            |
| Physical                       |                                                                                                                                         |
| Circuits (Loaded)              | 30                                                                                                                                      |
| Circuits (maximum)             | 30                                                                                                                                      |
| Color - Resin                  | White                                                                                                                                   |
| Contact Position               | N/A                                                                                                                                     |
| Durability (mating cycles max) | 20                                                                                                                                      |
| Entry Angle                    | Vertical                                                                                                                                |
| Flammability                   | 94V-0                                                                                                                                   |
| Mated Height                   | 4.05mm                                                                                                                                  |
| Material - Metal               | Copper Alloy                                                                                                                            |
| Material - Plating Mating      | Gold                                                                                                                                    |
| Material - Plating Termination | Gold                                                                                                                                    |
| Material - Resin               | Liquid Crystal Polymer                                                                                                                  |
| Net Weight                     | 381.771/mg                                                                                                                              |
| Number of Rows                 | 1                                                                                                                                       |
| Orientation                    | Vertical                                                                                                                                |
| PCB Locator                    | No                                                                                                                                      |
| PCB Retention                  | Yes                                                                                                                                     |
| Packaging Type                 | Embossed Tape on Reel                                                                                                                   |
| Pitch - Mating Interface       | 0.50mm                                                                                                                                  |
| Pitch - Termination Interface  | 0.50mm                                                                                                                                  |
| Plating min - Mating           | 0.102µm                                                                                                                                 |
| Plating min - Termination      | 0.102µm                                                                                                                                 |
| Polarized to PCB               | No                                                                                                                                      |
| Stackable                      | No                                                                                                                                      |
| Surface Mount Compatible (SMC) | Yes                                                                                                                                     |
| Temperature Range - Operating  | -25°C to +85°C                                                                                                                          |

EU ELV

Not Relevant

EU RoHS

China 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](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

501951 Series

Mates With

<a href="http://www.molex.com/product/premoflex\_ffc-fpc.html">Molex Premo-Flex FFC</a>. Be sure to match like plating

|                                    |                              |
|------------------------------------|------------------------------|
| Temperature Range NonOperating     | -25°C to +85°C               |
| Termination Interface: Style       | Surface Mount                |
| Wire/Cable Type                    | FFC/FPC                      |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 0.4A                         |
| Voltage - Maximum                  | 50V AC (RMS)/DC              |
| <b>Material Info</b>               |                              |
| <b>Reference - Drawing Numbers</b> |                              |
| Packaging Specification            | 5019519200-201               |
| Product Specification              | PS-501951-002-001            |
| Sales Drawing                      | SD-501951-003, SD-501951-004 |

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