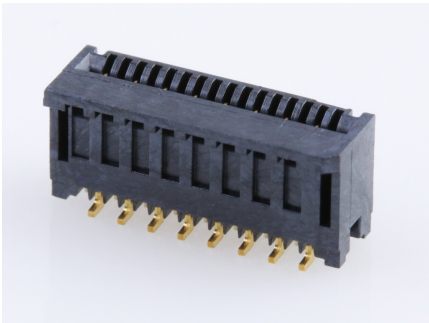




**Part Number :** [781191620](#)  
**Product Description :** 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Standard Footprint, Gold Plating, Black, 16 Circuits  
**Series Number :** 78119  
**Status :** Active  
**Product Category :** FFC / FPC Connectors



## Documents & Resources

**Drawings**  
[781191620\\_sd.pdf](#)

**3D Models and Design Files**  
[781191620\\_stp.zip](#)

**Specifications**  
[781199200-200.pdf](#)  
[781190002-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| REACH SVHC         | Not Contained per D(2024)6225-DC (07 Nov 2024)                                        |
| EU RoHS            | Compliant per EU 2015/863                                                             |

- Multiple Part Product Compliance Statements
- Eu RoHS
  - REACH SVHC
  - Low-Halogen

- Multiple Part Industry Compliance Documents
- IPC 1752A Class C
  - IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|              |                                                                                                                                |
|--------------|--------------------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                                         |
| Category     | FFC / FPC Connectors                                                                                                           |
| Series       | 78119                                                                                                                          |
| Description  | 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Standard Footprint, Gold Plating, Black, 16 Circuits |
| Product Name | Easy-On                                                                                                                        |
| UPC          | 889056670388                                                                                                                   |

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 50V  |

#### Physical

|                                |                        |
|--------------------------------|------------------------|
| Actuator Type                  | Non-ZIF                |
| Circuits (Loaded)              | 16                     |
| Circuits (maximum)             | 16                     |
| Color - Resin                  | Black                  |
| Contact Position               | N/A                    |
| Durability (mating cycles max) | 10                     |
| Mated Height                   | 4.10mm                 |
| Material - Metal               | Phosphor Bronze        |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Gold                   |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 173.660/mg             |
| Orientation                    | Vertical               |
| Packaging Type                 | Embossed Tape on Reel  |

|                               |               |
|-------------------------------|---------------|
| PCB Locator                   | No            |
| PCB Mounting                  | Surface Mount |
| PCB Retention                 | None          |
| Pitch - Mating Interface      | 0.50mm        |
| Pitch - Termination Interface | 0.50mm        |
| Plating min - Mating          | 0.100µm       |
| Polarized to PCB              | No            |
| Stackable                     | No            |
| Temperature Range - Operating | -40° to +85°C |
| Wire/Cable Type               | FFC/FPC       |

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## Mates With / Use With

### Mates with Part(s)

| Description                         | Part Number  |
|-------------------------------------|--------------|
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15020</u> |
| 0.50mm Pitch Premo-Flex FFC Jumpers | <u>15120</u> |