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**Part Number:** [0781271129](#)  
**Status:** **Active**  
**Overview:** [FFC-FPC \(SMT\)](#)  
**Description:** 0.50mm Pitch FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Reverse Footprint, Tin Bismuth Plating, Natural, 12 Circuits

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-78119-001-001 \(PDF\)](#)  
[Packaging Specification 781279200-200 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family FFC/FPC Connectors  
Series [78127](#)  
Overview [FFC-FPC \(SMT\)](#)  
Product Name Non-ZIF  
UPC 822350887267

**Physical**

Circuits (Loaded) 12  
Circuits (maximum) 12  
Color - Resin Natural  
Contact Position N/A  
Durability (mating cycles max) 20  
Entry Angle Vertical  
Flammability 94V-0  
Mated Height 4.10mm  
Material - Metal Copper Alloy  
Material - Plating Mating Nickel, Tin-Bismuth  
Net Weight 0.204/g  
Number of Rows 1  
Orientation Vertical  
PCB Locator No  
PCB Retention None  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 0.50mm  
Pitch - Termination Interface 0.50mm  
Polarized to PCB No  
Stackable No  
Temperature Range - Operating -40°C to +85°C  
Termination Interface: Style Surface Mount  
Wire/Cable Type FFC/FPC

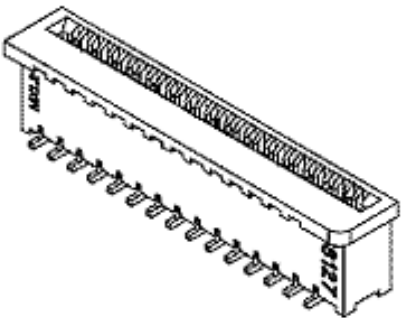
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 781279200-200  
Product Specification PS-78119-001-001  
Sales Drawing SD-78127-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
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**

[78127](#) Series

**Mates With**

Standard FFC/FPC Cables

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