



Part Number : [781273010](#)

**Product Description** : 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Reverse Footprint, Tin Bismuth Plating, Long Terminal Type, Black, 30 Circuits

Series Number : 78127

Status : Active

Product Category : FFC / FPC Connectors

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## Documents & Resources

### Drawings

[Drawing 781273010\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 781273010\\_stp.zip](#)

### Specifications


[Packaging Specification 781279200-201.pdf](#)

[Product Specification 781190001-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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

## Part Details

### General

Status	Active
Category	FFC / FPC Connectors
Series	78127
Description	0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Vertical, Non-ZIF, Reverse Footprint, Tin Bismuth Plating, Long Terminal Type, Black, 30 Circuits
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	889056672009

### Electrical

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

### Physical

Actuator Type	Non-ZIF
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Contact Position	N/A
Durability (mating cycles max)	10
Mated Height	4.10mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Liquid Crystal Polymer
Net Weight	305.460/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	1.000µm
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>15166</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15266</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15366</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>98266</u>