



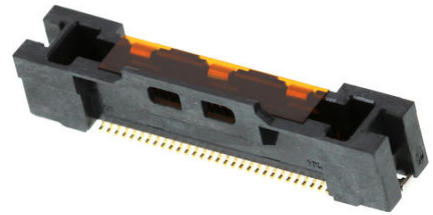
**Part Number :** [5017863091](#)

**Product Description :** Easy-On FFC/FPC-to-Board Connector, 0.50mm Pitch, Receptacle Housing Assembly, Vertical, Surface Mount, with Grounding Terminals, Separated Gold (Au) Plating, 30 Circuits

**Series Number :** 501786

**Status :** Active

**Product Category :** FFC / FPC Connectors



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## Documents & Resources

### Drawings

[5017863091 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[5017863091.dxf](#)

### Specifications


[SPK-501786-001-001.pdf](#)

[PS-501786-004-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	FFC / FPC Connectors
Series	501786
Description	Easy-On FFC/FPC-to-Board Connector, 0.50mm Pitch, Receptacle Housing Assembly, Vertical, Surface Mount, with Grounding Terminals, Separated Gold (Au) Plating, 30 Circuits
Comments	Requires a custom FFC/FPC with notches
Product Name	Easy-On
UPC	822350663366

### Electrical

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

### Physical

Actuator Type	Flexi-Latch
Circuits (Loaded)	30

Color - Resin	Black
Contact Position	N/A
Durability (mating cycles max)	20
Mated Height	8.95mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	621.959/mg
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Mounting	Surface Mount
PCB Retention	None
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°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 LVDS Jumpers, 100±10 Ohms Differential Impedance	<u>15022</u>
0.50mm Pitch Premo-Flex LVDS Jumpers, 90±10 Ohms Differential Impedance	<u>15922</u>

### Use with Part(s)

Description	Part Number
0.50mm Pitch FFC-to-Board Plug Jacket Cover, 30 Circuits	<u>5017843008</u>
0.50mm Pitch FFC-to-Board Plug	<u>5017833009</u>

Jacket, 30 Circuits	
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