



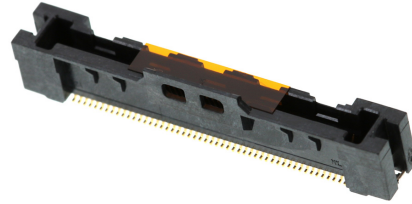
Part Number : [5017865090](#)

Product Description : 0.50mm Pitch Easy-On FFC/FPC-to-Board Connector, Receptacle Housing Assembly, Vertical, Surface Mount, without Grounding Terminals, Separated Gold (Au) Plating, 50 Circuits

Series Number : 501786

Status : Active

Product Category : FFC / FPC Connectors



Documents & Resources

Drawings

[Drawing 5017865090_sd.pdf](#)

3D Models and Design Files

[3D Model 5017865090_stp.zip](#)

Specifications

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

[Product Specification PS-501786-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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

Part Details

General

Status	Active
Category	FFC / FPC Connectors
Series	501786
Description	0.50mm Pitch Easy-On FFC/FPC-to-Board Connector, Receptacle Housing Assembly, Vertical, Surface Mount, without Grounding Terminals, Separated Gold (Au) Plating, 50 Circuits
Comments	Requires a custom FFC/FPC with notches
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822350307659

Electrical

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

Physical

Actuator Type	Flexi-Latch
Circuits (Loaded)	50
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	776.993/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	Yes
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Wire/Cable Type	FFC/FPC

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.50mm Pitch Premo-Flex LVDS Jumpers	<u>15022</u>

Use with Part(s)

Description	Part Number
0.50mm Pitch FFC-to-Board Connector Plug Jacket, 50 Circuits	/content/molex/molex-dot-com/us/en/products/product-page.html/5017835009.html
0.50mm Pitch FFC-to-Board Plug Jacket Cover, 50 Circuits	/content/molex/molex-dot-com/us/en/products/product-page.html/5017845009.html