



Part Number : [5018643092](#)

Series Number : 501864

Product Category : FFC / FPC Connectors

Product Description : 0.50mm Pitch Easy-On FFC/FPC-to-Board Connector, Receptacle Housing Assembly, Right-Angle, Surface Mount, without Grounding Terminals, Gold (Au) Plating, 30 Circuits


Status : Active

Documents & Resources

- Drawings
- [Drawing 5018643092_sd.pdf](#)
- 3D Models and Design Files
- [2D Drawing DXF 5018643092.dxf](#)
 - [2D Drawing DXF \(PDF\) 5018643092.pdf](#)
 - [3D Model 5018643092_stp.zip](#)
- Specifications
- [Packaging Specification 5018649200-SPK-200.pdf](#)
 - [Product Specification PS-501864-004-001.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(2023)8585-DC (23 Jan 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

Part Details

General

Status	Active
Category	FFC / FPC Connectors
Series	501864
Description	0.50mm Pitch Easy-On FFC/FPC-to-Board Connector, Receptacle Housing Assembly, Right-Angle, Surface Mount, without Grounding Terminals, Gold (Au) Plating, 30 Circuits
Comments	Requires a custom FFC/FPC with notches
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	822350783798

Agency

UL	E29179
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Electrical

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

Physical

Actuator Type	Flexi-Latch
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
Contact Position	Bottom
Durability (mating cycles max)	20
Flammability	94V-0

Mated Height	4.85mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	673.095/mg
Orientation	Right Angle
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 Plug Jacket, 30 Circuits	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/5017833009.html</u>
0.50mm Pitch FFC-to-Board Plug Jacket Cover, 30 Circuits	<u>/content/molex/molex-dot-com/us/en/products/product-page.html/5017843009.html</u>