



Part Number : [5052782270](#)

Product Description : 0.50mm Pitch Easy-On FFC/
FPC Connector, 1.90mm Height, Single Bottom Contact
(FS19), Right-Angle, Surface Mount, ZIF, 22 Circuits, Tin-
Bismuth Plating

Series Number : 505278

Status : Active

Product Category : FFC / FPC Connectors



Documents & Resources

Drawings

[5052782270 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[5052789200-SPK-200.pdf](#)

[5052780001-PS-000.pdf](#)

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(2024)7663-DC (21 Jan 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

Part Details

General

Status	Active
Category	FFC / FPC Connectors
Series	505278
Description	0.50mm Pitch Easy-On FFC/FPC Connector, 1.90mm Height, Single Bottom Contact (FS19), Right-Angle, Surface Mount, ZIF, 22 Circuits, Tin-Bismuth Plating
Comments	Black Actuator
Product Name	Easy-On
UPC	198282508977

Electrical

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

Physical

Actuator Type	Front Flip
Circuits (Loaded)	22
Color - Resin	Beige
Contact Position	Bottom
Durability (mating cycles max)	20

Mated Height	1.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Liquid Crystal Polymer
Net Weight	184.142/mg
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Mounting	Surface Mount
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +85°C
Wire/Cable Type	FFC/FPC

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.50mm Pitch Premo-Flex FFC Jumpers with Latching Ears	<u>15466</u>
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>98266</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15366</u>