Part Number : 5052783033
Product Description : 0.50mm Pitch Easy-On FFC/ FPC Connector, 1.90mm Height, Single Bottom Contact (FS19), Right-Angle, Surface Mount, ZIF, 30 Circuits
Series Number : 505278
Status : Not Recommended For New Design
Product Category : FFC / FPC Connectors



Documents & Resources

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

5052780000-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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

Part Details

General

Status	Not Recommended For New Design
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, 30 Circuits
Comments	Black Actuator
Product Name	Easy-On
UPC	889056613842

Electrical

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

Physical

Actuator Type	Front Flip
Circuits (Loaded)	30
Color - Resin	Beige
Contact Position	Bottom
Durability (mating cycles max)	20
Mated Height	1.90mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin-Silver-Bismuth
Material - Plating Termination	Tin-Silver-Bismuth

Material - Resin	Liquid Crystal Polymer
Net Weight	226.780/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	15466
0.50mm Pitch Premo-Flex FFC Jumpers	15166
0.50mm Pitch Premo-Flex FFC Jumpers	15266
0.50mm Pitch Premo-Flex FFC Jumpers	98266
0.50mm Pitch Premo-Flex FFC Jumpers	15366