



Part Number : [512812298](#)

Product Description : 0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 22 Circuits, Gold (Au) Plating

Series Number : 51281

Status : Active

Product Category : FFC / FPC Connectors

Documents & Resources

Drawings

[Drawing 512812298_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 512812298.dxf](#)

[2D Drawing DXF \(PDF\) 512812298.pdf](#)

[3D Model 512812298_stp.zip](#)

Specifications


[Application Specification 512810000-AS-000.pdf](#)

[Packaging Specification SPK-51281-001-001.pdf](#)

[Product Specification 512810000-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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	51281
Description	0.50mm Pitch Easy-On FFC/FPC Connector, Surface Mount, Right-Angle, Non-ZIF, Dual Contact Style, 1.20mm Mated Height, 22 Circuits, Gold (Au) Plating
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	196823022333

Electrical

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

Physical

Actuator Type	Non-ZIF
Circuits (Loaded)	22
Color - Resin	Natural
Contact Position	Dual
Durability (mating cycles max)	20
Mated Height	1.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	129.467/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
Plating min - Mating	0.102µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-20° 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	<u>15020</u>
0.50mm Pitch Premo-Flex FFC Jumpers	<u>15120</u>