



Part Number : [5022312400](#)

Series Number : 502231

Product Category : FFC / FPC Connectors

Product Description : 0.50mm Pitch Easy-On FFC/FPC Connector, For LVDS, 6.05mm Height, Vertical, Surface Mount, ZIF, 24 Circuits

Status : Active

Documents & Resources


Drawings
[Drawing 5022312400_sd.pdf](#)

3D Models and Design Files
[3D Model 5022312400_stp.zip](#)

Specifications
[Packaging Specification 5022319200-SPK-200.pdf](#)
[Product Specification PS-502231-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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	502231
Description	0.50mm Pitch Easy-On FFC/FPC Connector, For LVDS, 6.05mm Height, Vertical, Surface Mount, ZIF, 24 Circuits
Product Family	Easy-On FFC FPC Connectors
Product Name	Easy-On
UPC	883906509811

Electrical

Current - Maximum per Contact	0.4A
Voltage - Maximum	50V

Physical

Actuator Type	Front Flip
Circuits (Loaded)	24
Color - Resin	Brown, Natural
Contact Position	N/A
Durability (mating cycles max)	20
Mated Height	6.05mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	466.264/mg
Orientation	Vertical
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
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-25° to +85°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>15021</u>