



Part Number : 5025781100

Series Number : 502578

Product Category : Connector Housings

Product Description : CLIK-Mate Plug Housing, 1.50mm Pitch, Single Row, Positive Lock, 11 Circuits, Natural

Status : Active

Documents & Resources

Drawings
Drawing 5025781100_sd.pdf

3D Models and Design Files
3D Model 5025781100_stp.zip

Specifications
Application Specification AS-502578-001-001.pdf
Application Specification AS-503395-001-001.pdf
Packaging Specification SPK-502578-001-001.pdf
Product Specification 5025780000-PS-000.pdf
Product Specification 5025780001-PS-000.pdf
Product Specification 5025780002-PS-000.pdf
Product Specification 5025780003-PS-000.pdf
Product Specification 5025781000-PS-000.pdf
Product Specification 5025781002-PS-000.pdf
Product Specification 5025781003-PS-000.pdf
Product Specification 5025781004-PS-000.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(2022)9120-DC (17 Jan 2023)
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	Obsolete
Category	High-Speed I/O Connectors
Series	214733
Description	QSFP-DD Surface Mount Connector, 76 Circuits, 112 Gbps, 0.76µm Gold (Au) Plated
Application	Module-to-Board
Component Type	Receptacle
Product Family	QSFP-DD Interconnect System and Cable Assemblies
Product Name	QSFP-DD
Type	N/A
UPC	193264757282

Electrical

Current - Maximum per Contact	0.5A (Signal), 1.5A (Power)
Data Rate	112 Gbps (PAM-4)
Shielded	No
Voltage - Maximum	30V DC

Physical

Circuits (Loaded)	76
Circuits (maximum)	76
Color - Resin	Black
Durability (mating cycles max)	100

Gender	Female
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.200/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	N/A
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.80mm
Plating min - Mating	0.760µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Use with Part(s)

Description	Part Number
QSFP-DD 1-by-1 Cage Assemblies	<u>203143</u>
QSFP-DD 1-by-2 Cage Assemblies	<u>203152</u>
QSFP-DD 1-by-3 Cage Assemblies	<u>203369</u>
QSFP-DD 1-by-4 Cage Assemblies	<u>203370</u>
QSFP-DD 1-by-5 Cage Assemblies	<u>203371</u>
QSFP-DD 1-by-6 Cage Assemblies	<u>203372</u>
