Part Number : 2162520000
Product Description : QSFP-DD 2-by-1 Surface Mount Connector, 152 Circuits, 112 Gbps, 0.76µm Gold (Au) Plated, with Glue Tabs
Series Number : 216252
Status : Obsolete
Product Category : High-Speed I/O Connectors



Obsolete

Documents and Resources

Drawings

2162520000_sd.pdf

2162529901-000.pdf

2162520000_stp.zip

2162520000-000.pdf

2162520000-000.zip

2162520000-001.zip

Specifications

2162529004-RW-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Reviewed
China RoHS	Not Relevant
EU ELV	Not Reviewed per 2000/53/EC
Low-Halogen Status	Not Relevant
REACH SVHC	Not Contained per D(2022)9120-DC (17 Jan 2023)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

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- 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	Obsolete
Category	High-Speed I/O Connectors
Series	216252
Description	QSFP-DD 2-by-1 Surface Mount Connector, 152 Circuits, 112 Gbps, 0.76µm Gold (Au) Plated, with Glue Tabs
Application	Module-to-Board
Component Type	Receptacle
Product Name	QSFP-DD
Type	Pluggable
UPC	195842156678

Agency

CSA	LR19980
UL	E29179

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)	152

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Circuits (maximum)	152
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Keying to Mating Part	No
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold, Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	8.590/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
Panel Mount	N/A
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.80mm
Plating min - Mating	0.760µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	2
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Obsolete

Mates With / Use With

Use with Part(s)

Description	Part Number
QSFP-DD Cage Assembly, 2-by-1, Fin Heat Sink, Spring Fingers, Two Rear Legs, Press-Fit Pins, for use with Glue Dot Connector	2146505018

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