



Part Number : 2027180100
Product Description : QSFP-DD Surface Mount Connector, 76 Circuits, 56 Gbps, 0.76µm Gold (Au) Plated
Series Number : 202718
Status : New Business Not Supported
Product Category : High-Speed I/O Connectors



Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	New Business Not Supported
Category	High-Speed I/O Connectors
Series	202718
Description	QSFP-DD Surface Mount Connector, 76 Circuits, 56 Gbps, 0.76µm Gold (Au) Plated
Application	Module-to-Board
Component Type	Receptacle
Product Name	QSFP-DD
Type	Pluggable
UPC	191128278966

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.0A
Data Rate	56.0 Gbps
Grounding to Panel	None
Shielded	No
Voltage - Maximum	30V AC (RMS)

Physical

Circuits (Loaded)	76
Circuits (maximum)	76
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic

Net Weight	2.950/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	-25° to +65°C
Termination Interface Style	Surface Mount

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