

**Part Number :** [2027180100](#)

**Product Description :** QSFP-DD Surface Mount Connector, 76 Circuits, 56 Gbps, 0.76µm Gold (Au) Plated

**Series Number :** 202718

**Status :** Not Recommended For New Design

**Product Category :** High-Speed I/O Connectors



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## Documents and Resources

### Drawings

[2027188000-000.pdf](#)

[2027180100A-000.pdf](#)

[2027180100SP-000.zip](#)

### Specifications

[2027189010-TS-000.pdf](#)

[2027189030-AS-000.pdf](#)


[2027189040-RS-000.pdf](#)

[2027189010-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC

- Low-Halogen

#### Industry Documents

- IPC 1752A Class C
- 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

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## Part Details

### General

Status	Not Recommended For New Design
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	198930860112

### 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	No
Lock to Mating Part	No
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

## Mates With / Use With

### 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>

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