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Part Number:

2027180100

Status:

Active

Overview:

QSFP-DD Interconnect System and Cable Assemblies

Description:

QSFP-DD Surface Mount Connector, 76 Circuits, 0.76µm Gold (Au) Plated

Documents:

3D Model

RoHS Certificate of Compliance (PDF)

Drawing (PDF)

Agency Certification

UL

E29179

General

Product Family

I/O Connectors

Series

202718

Application

Module-to-Board

Component Type

Receptacle

Electrical Model

Yes

Overview

QSFP-DD Interconnect System and Cable Assemblies

Product Name

QSFP-DD

Type

N/A

UPC

191128278966

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

Yes

Material - Metal

Copper Alloy

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

High Temperature Thermoplastic

Net Weight

2.949/g

Number of Rows

1

Orientation

Right Angle

PCB Locator

Yes

PCB Retention

Yes

Packaging Type

Embossed Tape on Reel

Panel Mount

N/A

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

Surface Mount Compatible (SMC)

Yes

Temperature Range - Operating

-40° to +85°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

1.0A

Grounding to Panel

None

Shielded

No



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

202718 Series

Use With

QSFP-DD Cage Assemblies [203143](#) , [203152](#) , [203369](#) , [203370](#) , [203371](#) , [203372](#)

Voltage - Maximum	30V DC
Material Info	
Reference - Drawing Numbers	
Sales Drawing	2027180100-000

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