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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](#) [3D Model \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

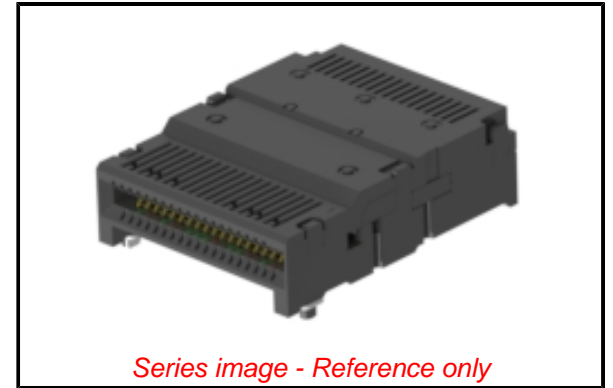
Product Family I/O Connectors
 Series [202718](#)
 Application Module-to-Board
 Component Type Receptacle
 Electrical Model Yes
 Overview [QSFP-DD Interconnect System and Cable Assemblies](#)
 Product Name QSFP-DD
 Type N/A
 UPC 191128278966

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

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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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