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Part Number: [2040586102](#)
Status: **Active**
Overview: QSFP-DD Interconnect System and Cable Assemblies
Description: QSFP-DD Assembly, Stacked 2x1, 4.50mm Tapered Fin Heat Sink

Documents:

[3D Model](#) [Test Summary 2040580002-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model \(PDF\)](#)

Agency Certification

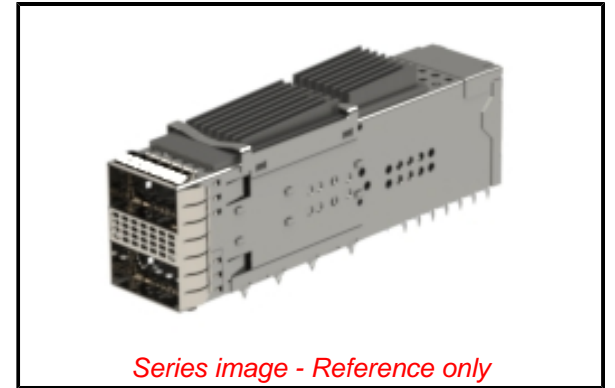
CSA LR19980
 UL E29179

General

Product Family I/O Connectors
 Series [204058](#)
 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 191128419895

Physical

Circuits (Loaded) 152
 Circuits (maximum) 152
 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 51.740/g
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 1.70mm
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.53mm min.
 Packaging Type Tray
 Panel Mount N/A
 Pitch - Mating Interface 0.80mm
 Plating min - Mating 0.760µm
 Plating min - Termination 0.760µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Ports 2
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40° to +85°C
 Termination Interface: Style Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ECHA_01_2020 (16
 January 2020

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[204058](#) Series

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Extraction Tool for 2- by-1 QSFP-DD Multi- Port Connector with Press-Fit Tails	2001991270
Insertion Tool for QSFP-DD Cage Assembly with Heat Sink, 2-by-1 Multi- Port Connector with Elastomeric Gasket for SAN Applications with Heatsink	2002141230

Electrical

Current - Maximum per Contact	0.5A
Grounding to Panel	Yes
Shielded	Yes

Material Info**Reference - Drawing Numbers**

Sales Drawing	2040586103-ASY
Test Summary	2040580002-000

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