

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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**

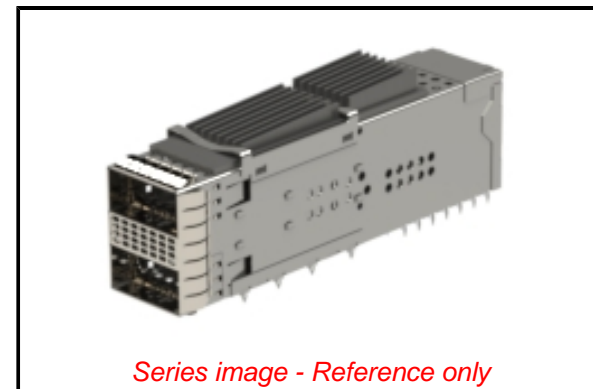
CSA LR19980  
 UL E29179

**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 -  
 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

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	<a href="#">2001991270</a>
Insertion Tool for QSFP-DD Cage Assembly with Heat Sink, 2-by-1 Multi-Port Connector with Elastomeric Gasket for SAN Applications with Heatsink	<a href="#">2002141230</a>

**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

This document was generated on 11/06/2019

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