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

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">204058</a>
Application	Module-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	qsfpdd
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

**Electrical**

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

**Material Info**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**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>

**Reference - Drawing Numbers**

Application Tooling Documents

Sales Drawing

Test Summary

2001991709-000

2040586103-ASY

2040580002-000

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