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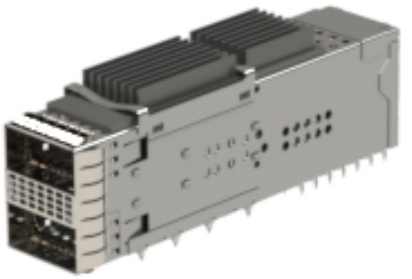
Part Number: 2040586101
Status: Active
Overview: QSFP-DD Interconnect System and Cable Assemblies
Description: QSFP-DD Assembly, Stacked 2x1, 4.50mm Fin Heat Sink



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- 3D Model (PDF)
- Test Summary 2040580002-000 (PDF)
- RoHS Certificate of Compliance (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	191128419888

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	52.478/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

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Contained Per - D(2020)4578-DC (25 June 2020)
1,2-Benzenedicarboxylic acid, dihexyl ester, bra
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3, ammoniumpentadecafluorooctanoate
1,3-propanesultone
dibutyltin dichloride
1,2-diethoxyethane
diisopentylphthalate
disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)
decamethylcyclopentasiloxane
perfluorooctanoic acid
di-n-pentyl phthalate
(DPP) ethylene thiourea
1,2-Benzenedicarboxylic acid, dihexyl ester, bra
Perfluorohexane-1-sulphonic acid and its salts
reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioct
Methylhexahydrophthalic anhydride

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

Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Pyrene
Tris(4-nonylphenyl,
branched and linear)
phosphi
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Boric acid
n-pentyl-
isopentylphthalate
1,2-
benzenedicarboxylic
acid, dipentylester,
bra
diisohexyl phthalate
cadmium
lead
orange lead
cadmium sulphide
cadmium oxide (non-
pyrophoric)
bis(pentabromophenyl)
ether
1,2-bis(2-
methoxyethoxy)ethane
1,2-dimethoxyethane
pentazinc chromate
octahydroxide
bis(2-methoxyethyl)
ether
strontium chromate
Lead sulfochromate
yellow
cadmium
ethylene thiourea
dihexyl phthalate
(DnHP)
4-aminoazobenzene
benzo[a]pyrene
[phthalato(2-)]dioxotrilead
Sulfurous acid, lead
salt, dibasic
lead cyanamidate
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
pentalead tetraoxide
sulphate
lead oxide sulfate
lead dinitrate
cadmium

Halogen-Free Status

Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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