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**Part Number:** [1717222101](#)  
**Status:** **Active**  
**Overview:** zQSFP+® Interconnect System  
**Description:** zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated

**Documents:**

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	I/O Connectors
Series	<a href="#">171722</a>
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	<a href="#">zQSFP+® Interconnect System</a>
Product Name	zQSFP Plus, zQSFP+
Type	N/A
UPC	887191735368

**Physical**

Circuits (Loaded)	152
Circuits (maximum)	152
Color - Resin	Black
Durability (mating cycles max)	100
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	62.211/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	1.20mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	N/A
Pitch - Mating Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	4
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
Shield Type	EMI Gasket
Voltage - Maximum	30V AC (RMS)/DC



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Contained Per -  
D(2020)4578-DC (25  
June 2020)  
1-vinylimidazole  
dibutyltin dichloride  
1,3-propanesultone  
disodium 4-  
amino-3-[[4'-[(2,4-  
diaminophenyl)azo]  
dibutyltin dichloride  
1,2-diethoxyethane  
diisopentylphthalate  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
disodium 4-  
amino-3-[[4'-[(2,4-  
diaminophenyl)azo]  
ammoniumpentadecafluorooctanoate  
sodium  
peroxometaborate  
2-ethylhexyl 10-  
ethyl-4,4-dioctyl-7-  
oxo-8-oxa-3,  
2-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
2-(2H-benzotriazol-2-  
yl)-4-(tert-butyl)-6-  
(sec-b  
Terphenyl,  
hydrogenated  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
dimethyl sulphate  
N-methylacetamide  
p-(1,1-  
dimethylpropyl)phenol

**China RoHS**

**Solder Process Data**

Lead-free Process Capability

N/A

**Material Info**

dicyclohexyl phthalate  
dihexyl phthalate  
(DnHP)  
phenanthrene  
butyl 4-  
hydroxybenzoate  
o-toluidine  
4-methyl-m-  
phenylenediamine  
ethylene thiourea  
4-o-tolylazo-o-  
toluidine  
furan  
di-n-pentyl phthalate  
(DPP)  
perfluorooctanoic acid  
dodecamethylcyclhexasiloxane  
decamethylcyclopentasiloxane  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
1,2-  
Benzenedicarboxylic  
acid, dihexyl ester,  
bra  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Perfluorobutane  
sulfonic acid (PFBS)  
and its sal  
Pyrene  
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o  
Reaction  
products of 1,3,4-  
thiadiazolidine-2,5-d  
Perfluorononan-1-  
oic acid  
(2,2,3,3,4,4,5,5,6,6,7  
Methylhexahydrophthalic  
anhydride  
Bisphenol-A  
Cadmium sulphate  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
1,2-  
benzenedicarboxylic  
acid, di-C6-10-alkyl  
est  
5-sec-butyl-2-(2,4-  
dimethylcyclohex-3-  
en-1-yl)-5  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
1,2-  
Benzenedicarboxylic

acid, dihexyl ester,  
bra  
diisohexyl phthalate  
pentacosaflluorotridecanoic  
acid  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
2-methyl-1-(4-  
methylthiophenyl)-2-  
morpholinoprop  
2-benzyl-2-  
dimethylamino-4-  
morpholinobutyropheno  
3-ethyl-2-methyl-2-  
(3-methylbutyl)-1,3-  
oxazolidi  
n-pentyl-  
isopentylphthalate  
Disodium tetraborate  
Boric acid  
4,4'-Oxydianiline and  
its salts  
Aluminosilicate  
Refractory Ceramic  
Fibres  
Zirconia  
Aluminosilicate  
Refractory Ceramic  
Fibr  
4-Nonylphenol,  
branched and linear  
[substances w  
Trixylyl phosphate  
4-Nonylphenol,  
branched and linear,  
ethoxylated  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
strontium chromate  
1,2-  
benzenedicarboxylic  
acid; di-C7-11-  
branched  
N-methyl-2-  
pyrrolidone  
1,2,3-trichloropropane  
1,2-  
benzenedicarboxylic  
acid; di-C6-8-  
branched a  
bis(2-methoxyethyl)  
ether  
potassium  
hydroxyoctaoxidizincatedichromate(1-)  
arsenic acid  
trilead diarsenate  
pentazinc chromate  
octahydroxide  
bis(2-methoxyethyl)  
phthalate  
dichromium  
tris(chromate)

2,2'-dichloro-4,4'-  
methylenedianiline  
N,N,N',N'-  
tetramethyl-4,4'-  
methylenedianiline  
1,2-dimethoxyethane  
1,2-bis(2-  
methoxyethoxy)ethane  
cadmium carbonate  
bis(pentabromophenyl)  
ether  
strontium chromate  
4,4'-  
diaminodiphenylmethane  
dibutyl phthalate  
(DBP)  
diarsenic trioxide  
bis(2-ethylhexyl)  
phthalate (DEHP)  
lead hydrogen  
arsenate  
Anthracene oil,  
anthracene-low;  
Anthracene Oil F  
lead chromate  
Lead chromate  
molybdate sulfate red  
Lead sulfochromate  
yellow  
Pitch, coal tar, high-  
temp.; Pitch  
potassium chromate  
potassium dichromate  
tetraboron disodium  
heptaoxide, hydrate  
trichloroethylene  
2-ethoxyethanol  
cobalt carbonate  
cobalt dinitrate  
cobalt sulphate  
2-ethoxyethyl acetate  
strontium chromate  
bis(pentabromophenyl)  
ether  
lead titanium trioxide  
pentalead tetraoxide  
sulphate  
tetralead trioxide  
sulphate  
dioxobis(stearato)trilead  
Lead titanium  
zirconium oxide  
lead  
bis(tetrafluoroborate)  
lead cyanamidate  
Sulfurous acid, lead  
salt, dibasic  
Silicic acid (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
[phthalato(2-)]dioxotrilead  
Fatty acids, C16-18,  
lead salts  
benzo[a]pyrene  
4-aminoazobenzene

dimethyl sulphate  
lead titanium trioxide  
bis(pentabromophenyl)  
ether  
diboron trioxide  
cadmium oxide (non-  
pyrophoric)  
cadmium sulphide  
orange lead  
trilead bis(carbonate)  
dihydroxide  
Lead oxide  
1,3,5-  
tris(oxiranylmethyl)-1,3,5-  
triazine-2,4,6(  
[4-[[4-anilino-1-  
naphthyl][4-  
(dimethylamino)phen  
lead  
cadmium  
lead dinitrate  
Silicic acid, lead salt  
lead oxide sulfate

**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**

[171722](#) Series

**Mates With**

QSFP Cable Assembly [74757](#)

**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 #**

zQSFP+ Multi-Port

[622025260](#)

Connector Tooling

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