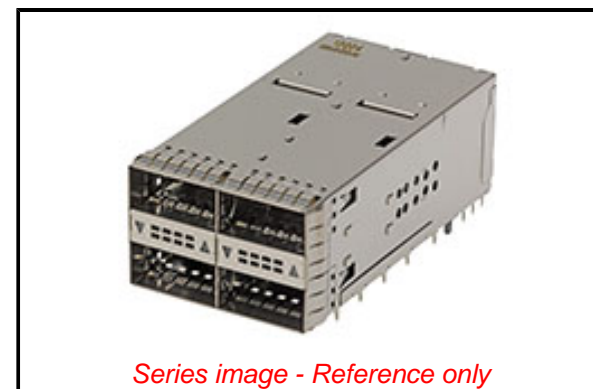


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Part Number: [1717222061](#)
Status: **Active**
Overview: zQSFP+® Interconnect System
Description: zQuad Small Form Factor Pluggable Plus (zQSFP+) Stacked Integrated 2-by-2 Connector and Cage with Metal EMI Gasket, Gold (Au) Over Nickel Plated, with Internal Heat Sinks

Documents:

Drawing (PDF)	Test Summary TS-171565-0001-001 (PDF)
Product Specification PS-171565-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-171565-0002-001 (PDF)	Product Literature (PDF)
Packaging Specification PK-171565-0001-001 (PDF)	



Series image - Reference only

General

Product Family	I/O Connectors
Series	171722
Application	Board-to-Board, Module-to-Board, Wire-to-Board
Component Type	Receptacle
Electrical Model	Yes
Overview	zQSFP+® Interconnect System
Product Name	zQSFP Plus, zQSFP+
Type	N/A
UPC	191128092838

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	Liquid Crystal Polymer
Net Weight	57.831/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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
ammoniumpentadecafluorooctanoate
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)
octamethylcyclotetrasiloxane
decamethylcyclopentasiloxane
dodecamethylcyclohexasiloxane
perfluorooctanoic acid
benzo[ghi]perylene
ethylene thiourea
phenanthrene
4-aminoazobenzene
[phthalato(2-)]dioxotrilead
Perfluorohexane-1-
sulphonic acid and its
salts
Tris(4-nonylphenyl,
branched and linear)
phosphi
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr
Aluminosilicate
Refractory Ceramic
Fibres
Boric acid
1,2-
benzenedicarboxylic

China RoHS

Shield Type	EMI Fingers
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-free Process Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-171565-0002-001
Electrical Model Document	EE-171081-3000
Packaging Specification	PK-171565-0001-001
Product Specification	PS-171565-0001-001
Sales Drawing	SD-171722-0061
Signal Integrity Report	SI-171565-0001
Test Summary	TS-171565-0001-001

acid, dipentylester,
bra
Terphenyl,
hydrogenated
2-(2H-benzotriazol-2-
yl)-4-(tert-butyl)-6-
(sec-b
2-(2H-benzotriazol-2-
yl)-4-6-
ditertpentylphenol
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
disodium octaborate
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
1,2-dimethoxyethane
bis(2-methoxyethyl)
phthalate
pentazinc chromate
octahydroxide
potassium
hydroxyoctaoxidizincatedichromate(1-)
bis(2-methoxyethyl)
ether
1,2-
benzenedicarboxylic
acid; di-C6-8-
branched a
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
strontium chromate
tetraboron disodium
heptaoxide, hydrate
tris(2-chloroethyl)
phosphate
Lead sulfochromate
yellow
Lead chromate
molybdate sulfate red
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
Sulfurous acid, lead
salt, dibasic
cadmium hydroxide
lead cyanamidate
Lead titanium
zirconium oxide
dioxobis(stearato)trilead
tetralead trioxide
sulphate
lead titanium trioxide
pyrochlore, antimony
lead yellow
orange lead
cadmium sulphide
bis(pentabromophenyl)
ether
1,2-bis(2-
methoxyethoxy)ethane

**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 Connector Tooling	622025260

This document was generated on 10/23/2020

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