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**Part Number:** [1712248031](#)  
**Status:** **Active**  
**Overview:** High-Speed Pluggable I/O Solutions  
**Description:** zSFP+ Stacked Ganged Assembly with Metal Spring Fingers, 2-by-8 with Inner Light Pipes, Vented, 320 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-170071-0002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-170071-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-170071-0001 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	I/O Connectors
Series	<a href="#">171224</a>
Application	Module-to-Board
Component Type	Receptacle
Overview	<a href="#">High-Speed Pluggable I/O Solutions</a>
Product Name	zSFP Plus, zSFP+
Type	N/A
UPC	887191696591

**Physical**

Circuits (Loaded)	320
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Female
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	186.285/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	No
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	0.762µm
Plating min - Termination	0.762µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	16
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

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**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-(2H-benzotriazol-2-  
yl)-4,6-  
ditertpentylphenol  
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)  
Perfluorohexane-1-  
sulphonic acid and its  
salts  
reaction mass of  
2-ethylhexyl 10-  
ethyl-4,4-dioct  
Methylhexahydrophthalic  
anhydride  
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  
Perfluorobutane  
sulfonic acid (PFBS)  
and its sal  
Tris(4-nonylphenyl,  
branched and linear)  
phosphi  
Nonadecafluorodecanoic  
acid (PFDA) and its  
sodiu  
Boric acid

**China RoHS**

Shield Type	EMI Fingers
Shielded	Yes
Voltage - Maximum	30V AC
<b>Solder Process Data</b>	
Lead-freeProcess Capability	N/A
<b>Material Info</b>	
<b>Reference - Drawing Numbers</b>	
Application Specification	AS-170071-0002-001
Electrical Model Document	EE-170071-0001
Product Specification	PS-170071-0001
S-Parameter Model	SP-170426-1000
Sales Drawing	SD-171224-4300-001
Test Summary	TS-170071-0001-001

n-pentyl-  
isopentylphthalate  
1,2-  
benzenedicarboxylic  
acid, dipentylester,  
bra  
diisohexyl phthalate  
lead dinitrate  
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  
di-n-pentyl phthalate  
(DPP)  
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

**Halogen-Free  
Status**

**Not 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**  
171224 Series

This document was generated on 10/20/2020

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