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Part Number: [1712242015](#)
Status: **Active**
Overview: High-Speed Pluggable I/O Solutions
Description: zSFP+ Stacked Ganged Assembly with Metal Spring Fingers, 2-by-2 with 3 Light Pipes, 80 Circuits

Documents:

3D Model	Application Specification AS-170071-0002-001 (PDF)
Drawing (PDF)	Test Summary TS-170071-0001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-170071-0001 (PDF)	

Agency Certification

UL E29179

General

Product Family	I/O Connectors
Series	171224
Application	Module-to-Board
Component Type	Receptacle
Overview	High-Speed Pluggable I/O Solutions
Product Name	zSFP Plus, zSFP+
Type	N/A
UPC	887191132907

Physical

Circuits (Loaded)	80
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	51.152/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	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

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
heptacosafuorotetradecanoic
acid
dodecamethylcyclohexasiloxane
decamethylcyclopentasiloxane
octamethylcyclotetrasiloxane
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
diisopentylphthalate
methoxyacetic acid
1,2-diethoxyethane
dibutyltin dichloride
2-methylimidazole
4,4'-methylenedi-o-
toluidine
1-vinylimidazole
1,3-propanesultone
chromium trioxide
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
henicosafuoroundecanoic
acid
ammoniumpentadecafluorooctanoate
sodium
peroxometaborate
1,7,7-trimethyl-3-
(phenylmethylene)bicyclo[2.2.1
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
perfluorooctanoic acid
diethyl sulphate
propylene oxide
dimethyl sulphate
N-methylacetamide
p-(1,1-
dimethylpropyl)phenol
dihexyl phthalate
(DnHP)
phenanthrene
dinoseb (ISO)
butyl 4-
hydroxybenzoate
o-toluidine
4-methyl-m-
phenylenediamine
ethylene thiourea

China RoHS

Shield Type
Shielded
Voltage - Maximum

EMI Fingers
Yes
30V AC

Material Info

Reference - Drawing Numbers

Application Specification
Electrical Model Document
Product Specification
S-Parameter Model
Sales Drawing
Test Summary

AS-170071-0002-001
EE-170071-0001
PS-170071-0001
SP-170426-1000
SD-171224-0002-001
TS-170071-0001-001

4-o-tolylazo-o-
toluidine
4-tert-butylphenol
nitrobenzene
1-bromopropane
ethylenediamine
furan
2-methoxyethyl
acetate
6-methoxy-m-toluidine
C,C'-
azodi(formamide)
di-n-pentyl phthalate
(DPP)
tricosafuorododecanoic
acid
perfluorooctanoic acid
dibutylbis(pentane-2,4-
dionato-O,O')tin
4-(1,1,3,3-
tetramethylbutyl)phenol,
ethoxylated
4-Nonylphenol,
branched and linear,
ethoxylated
4-Heptylphenol,
branched and linear
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
2,3,3,3-tetrafluoro-2-
(heptafluoropropoxy)propio
Tris(4-nonylphenyl,
branched and linear)
phosphi
Perfluorobutane
sulfonic acid (PFBS)
and its sal
Fluoranthene
Pyrene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Perfluorononan-1-
oic acid
(2,2,3,3,4,4,5,5,6,6,7
4-(1,1,3,3-
tetramethylbutyl)phenol,
ethoxylated
hexahydro-2-
benzofuran-1,3-dione
Methylhexahydrophthalic
anhydride
Sodium perborate;
perboric acid, sodium
salt
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
Trixylyl phosphate
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b
1,2-Benzenedicarboxylic acid, dihexyl ester, bra
diisohexyl phthalate
pentacosafuorotridecanoic acid
1,2-benzenedicarboxylic acid, dipentylester, bra
2-methyl-1-(4-methylthiophenyl)-2-morpholinoprop
4,4-isobutylethylidenediphenol
2-benzyl-2-dimethylamino-4-morpholinobutyropheno
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi
n-pentyl-isopentylphthalate
1,3-BENZENEDIOL, TRINITRO-, LEAD SALT
Hydrazine
Disodium tetraborate
Boric acid
4,4'-Oxydianiline and its salts
Aluminosilicate
Refractory Ceramic Fibres
Zirconia
Aluminosilicate
Refractory Ceramic Fibr
Acids generated from chromium trioxide and their
4-Nonylphenol, branched and linear [substances w
4-aminoazobenzene
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
calcium arsenate
bis(2-methoxyethyl)
ether
potassium
hydroxyoctaoxidizincatedichromate(1-)
lead dipicrate
N,N-
dimethylacetamide
arsenic acid
2-methoxyaniline
trilead diarsenate
1,2-dichloroethane
pentazinc chromate
octahydroxide
Formaldehyde,
polymer with
benzenamine
bis(2-methoxyethyl)
phthalate
lead diazide
phenolphthalein
dichromium
tris(chromate)
2,2'-dichloro-4,4'-
methylenedianiline
formamide
tetraethyllead
4,4'-
bis(dimethylamino)benzophenone
N,N,N',N'-
tetramethyl-4,4'-
methylenedianiline
strontium chromate
triethyl arsenate
4,4'-
diaminodiphenylmethane
lead hydrogen
arsenate
2,4-dinitrotoluene
Anthracene oil;
Anthracene oil
Anthracene oil,
anthracene paste;
Anthracene Oil
Anthracene oil,
anthracene paste,
anthracene fra
Anthracene oil,
anthracene paste,
distn. lights;
Anthracene oil,
anthracene-low;
Anthracene Oil F
diisobutyl phthalate
(DIBP)
lead chromate
Lead chromate
molybdate sulfate red
Lead sulfochromate
yellow

Pitch, coal tar, high-temp.; Pitch ammonium dichromate potassium chromate potassium dichromate sodium chromate tetraboron disodium heptaoxide, hydrate trichloroethylene 2-ethoxyethanol cobalt carbonate cobalt di(acetate) cobalt dinitrate cobalt sulphate 2-ethoxyethyl acetate 1,2-dimethoxyethane Silicic acid, lead salt lead oxide sulfate lead titanium trioxide pentalead tetraoxide sulphate trilead dioxide phosphonate tetralead trioxide sulphate dioxobis(stearato)trilead Lead titanium zirconium oxide lead bis(tetrafluoroborate) lead cyanamidate Acetic acid, lead salt, basic Sulfurous acid, lead salt, dibasic Silicic acid (H₂Si₂O₅), barium salt (1:1), lead-[phthalato(2-)]dioxotrilead Fatty acids, C₁₆₋₁₈, lead salts lead(II) methanesulphonate 1,3,5-tris-[(2S and 2R)-2,3-epoxypropyl]-1,3,5-t benzo[a]pyrene 4-aminoazobenzene cadmium chloride 1,2-dimethoxyethane 1,2-bis(2-methoxyethoxy)ethane lead di(acetate) [4-[4,4'-bis(dimethylamino) benzhydrylidene]cycl 4,4'-bis(dimethylamino)-4''-(methylamino)trityl 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
 α,α #Bis[4-
(dimethylamino)phenyl]-4
(phenylamino)
lead
cadmium
cadmium fluoride
pyrochlore, antimony
lead yellow
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](#)

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