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Part Number: [0555600247](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: 0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 24 Circuits

Documents:

3D Model (PDF)	Application Specification 547220000-A00 (PDF)
3D Model	Packaging Specification SPK-55560-001-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-54722-010-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	55560
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.5, BB H1.5
UPC	756054692578

Physical

Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	1.50mm
Mated Width	6.00mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	34.016/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	0.74mm
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.254µm
Plating min - Termination	0.102µm
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8
July 2021)
Decamethylcyclotetrasiloxane
Benzene-1,2,4-
tricarboxylic acid 1,2-
anhydride
Octamethylcyclotetrasiloxane
methoxyacetic acid
1,2-diethoxyethane
2-methylimidazole
1-vinylimidazole
1,3-Propanesultone
henicosaflluoroundecanoic
acid
Ammonium-
pentadecafluorooctanoate
Disodium-octaborate
1,7,7-trimethyl-3-
(phenylmethylene)bicyclo[2.2.1
Terphenyl,
hydrogenated
1,2-
Benzenedicarboxylic
acid, dihexyl ester,
bra
Dodecamethylcyclohexasiloxane
butyl 4-
hydroxybenzoate
4-tert-butylphenol
nitrobenzene
1-bromopropane
Ethylenediamine
furan
2-Methoxyethyl
acetate
C,C'-
azodi(formamide)
1,4-dioxane

China RoHS

Reference - Drawing Numbers

Application Specification	547220000-A00
Packaging Specification	SPK-55560-001-001
Product Specification	PS-54722-010-001
Sales Drawing	SD-55560-006-001, SD-55560-007-001

bis(2-(2-methoxyethoxy)ethyl) ether
Benzo(ghi)perylene
tricosafuorododecanoic acid
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pen
heptacosafuorotetradecanoic acid
Dodecamethylcyclohexasiloxane
diisohexyl phthalate
Pyrene
Benz[a]anthracene
Cadmium nitrate
Chrysene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Reaction
products of 1,3,4-thiadiazolidine-2,5-d
Dioctyltin dilaurate,
stannane, dioctyl-,
bis(co
Perfluorononan-1-oic acid
(2,2,3,3,4,4,5,5,6,6,7
4-(1,1,3,3-tetramethylbutyl)phenol,
ethoxylated
Methylhexahydrophthalic anhydride
Sodium perborate;
perboric acid, sodium salt
Bisphenol-A
Cadmium sulphate
Perfluorohexane-1-sulphonic acid and its salts
Fluoranthene
diisohexyl phthalate
pentacosafuorotridecanoic acid
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
Disodium tetraborate
Boric acid
Aluminosilicate
Refractory Ceramic
Fibres
Zirconia
Aluminosilicate
Refractory Ceramic
Fibr

Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
2,3,3,3-tetrafluoro-2-
(heptafluoropropoxy)propio
2-(4-tert-
butylbenzyl)propionaldehyde
and its in
orthoboric acid,
sodium salt
Fluoranthene
formamide
Tetraethyllead
N,N,N',N'-
tetramethyl-4,4'-
methyldianiline
1,2-bis(2-
methoxyethoxy)ethane
Lead di(acetate)
Cadmium-carbonate
[4-[4,4'-
bis(dimethylamino)
benzhydrylidene]cycl
4,4'-
bis(dimethylamino)-4"-
(methylamino)trityl
Diboron-trioxide
Cadmium-oxide
Cadmium-sulphide
Lead(II,IV)-oxide
Trilead bis(carbonate)
dihydroxide
Lead Oxide
Lead
formamide
Dibutylphthalate
Di-(2-
ethylhexyl)phthalat
Arsenic acid
(H3AsO4), lead(2+)
salt (1:1)
2,4-Dinitrotoluene
Tris(2-chloroethyl)
phosphate
Boric acid, disodium
salt, hydrate
Trichloroethylene
Carbonic acid,
cobalt(2+) salt (1:1)
Acetic acid, cobalt(2+)
salt
Cobalt-dinitrate
Cobalt sulphate
1-Methyl-2-
pyrrolidone
1,2,3-
Trichloropropane
1,2-dichloroethane
Lead
Cyanamide, lead(2+)
salt (1:1)
Cadmium Hydroxide
Acetic Acid, Lead
Salt, Basic

Sulfurous Acid, Lead
Salt, Dibasic
[Phthalato(2-)]dioxotrilead
Lead(II)
methanesulfonate
diethyl sulphate
N,N-
Dimethylformamide
propylene oxide
Acetamide, N-methyl-
Dicyclohexyl-
phthalate
Phenanthrene
Dinoseb
Biphenyl-4-ylamine
butyl 4-
hydroxybenzoate
Cyanamide, lead(2+)
salt (1:1)
Cadmium
Cadmium-fluoride
pyrochlore, antimony
lead yellow
Lead-dinitrate
Cadmium-chloride
Silicic acid, lead salt
Lead oxide sulfate
(Pb2O(SO4))
Lead-titanium-trioxide
Pentalead-tetraoxide-
sulphate
Trilead-dioxide-
phosphonate
Tetralead-trioxide-
sulphate
Dioxobis(stearato)trilead
Lead titanium
zirconium oxide
Borate(1-),
tetrafluoro-, lead (2+)

**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
[55560](#) Series

Mates With
[54722](#) PCB Receptacle

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