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Part Number: **0543630589**
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: 0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 2.00mm Stacking Height, with Solder Tabs, 50 Circuits

Documents:

[3D Model](#) [Product Specification PS-54363-046-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[3D Model \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	54363
Application	Board-to-Board, Signal
Overview	<u>SlimStack Board-to-Board/Board-to-FPC Connectors</u>
Product Name	SlimStack
Series Name	0.5, BB H2
UPC	822350912860

Physical

Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	2.00mm
Mated Width	6.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	184.801/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.254µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

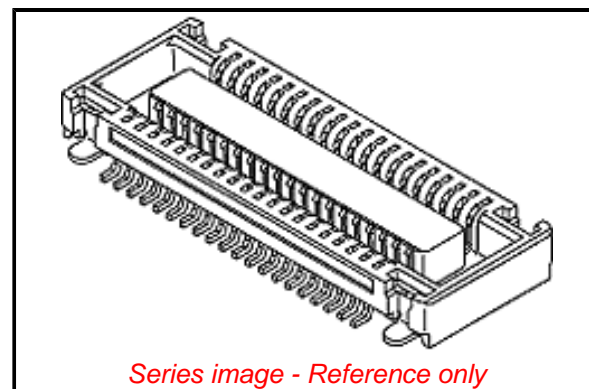
Electrical

Current - Maximum per Contact	0.5A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification	PS-54363-046-001
Sales Drawing	SD-54363-049-001, SD-54363-050-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2021)4569-DC (8 July 2021)
Dipentyl phthalate
bis(2-(2-methoxyethoxy)ethyl) ether
Benzo(ghi)perylene
Octanoic acid,
2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pen
Dodecamethylcyclotetrasiloxane
Octamethylcyclotetrasiloxane
Disodium 3,3'-[[1,1'-Biphenyl]-4,4'-Diylbis(Azo)1,2-Benzenedicarboxylic acid, bis(3-methylbutyl)1,2-diethoxyethane
Dibutyltin-dichloride
1,3-Propanesultone
C.I. Direct Black 38
Ammonium-pentadecafluorooctanoate
Disodium-octaborate
Dibutylbis(pentane-2,4-dionato-O,O')tin
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol
2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-b Terphenyl, hydrogenated
1,2-Benzenedicarboxylic

China RoHS

acid, dihexyl ester,
bra
diisohexyl phthalate
1,2-
Benzenedicarboxylic
acid, dipentyl ester, br
Boric acid
Aluminosilicate
Refractory Ceramic
Fibres
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Tris(4-nonylphenyl,
branched and linear)
phosphi
Pyrene
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Methylhexahydrophthalic
anhydride
reaction mass of
2-ethylhexyl 10-
ethyl-4,4-dioct
Perfluorohexane-1-
sulphonic acid and its
salts
Imidazolidine-2-thione
Lead chromate
molybdate sulfate red
Lead sulfochromate
yellow
Tris(2-chloroethyl)
phosphate
Boric acid, disodium
salt, hydrate
Strontium-chromate
1,2-
Benzenedicarboxylic
acid, di-C6-8-
branched a
Potassium
hydroxyoctaoxidizincatedichromate
1,2-bis(2-
methoxyethoxy)ethane
Decabromodiphenylether
Cadmium-oxide
Cadmium-sulphide
Lead(II,IV)-oxide
Cadmium
pyrochlore, antimony
lead yellow
Lead-dinitrate
Lead oxide sulfate
(Pb₂O(SO₄))
Lead-titanium-trioxide
Pentalead-tetraoxide-
sulphate
Trilead-dioxide-
phosphonate
Tetralead-trioxide-
sulphate
Dioxobis(stearato)trilead
Lead titanium
zirconium oxide

Cyanamide, lead(2+)
salt (1:1)
Sulfurous Acid, Lead
Salt, Dibasic
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
[Phthalato(2-)]dioxotrilead
Fatty Acids, C16-18,
Lead Salts
4-aminoazobenzene
Dicyclohexyl-
phthalate
Dihexyl-phthalate

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

[54363](#) Series

Mates With

[55650](#) PCB Header

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