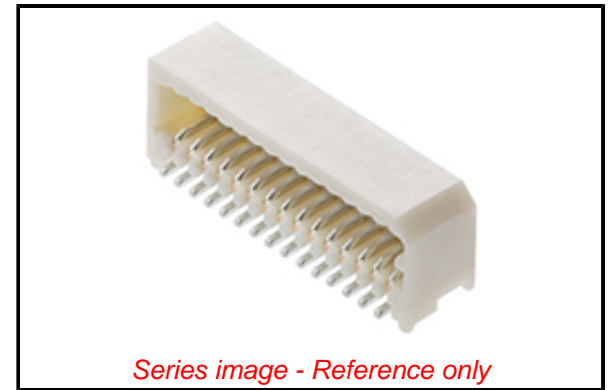


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Part Number: [0533092871](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Connector, 0.80mm Pitch, Floating Series, Plug, 5.65 or 6.65mm Mated Height, 28 Circuits, Right-Angle, with Boss

Documents:

3D Model	Packaging Specification SPK-53309-001-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
Product Specification PS-52465-014-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-52588-031-001 (PDF)	Reference Guide (PDF)
Product Specification PS-52588-032-001 (PDF)	



General

Product Family	PCB Headers
Series	53309
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	0.8
UPC	822348191031

Physical

Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28
Color - Resin	Natural
Durability (mating cycles max)	30
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	5.65mm
Mated Width	4.70mm, 7.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	533.800/mg
Number of Rows	2
Orientation	Right Angle
PC Tail Length	0.40mm
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	No
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.5A
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
D(2020)4578-DC (25
June 2020)
[phthalato(2-)]dioxotrilead
Fatty acids, C16-18,
lead salts
dicyclohexyl phthalate
dihexyl phthalate
(DnHP)
phenanthrene
ethylene thiourea
di-n-pentyl phthalate
(DPP)
dodecamethylcyclhexasiloxane
decamethylcyclpentasiloxane
disodium 3,3'-[[1,1'-
biphenyl]-4,4'-
diylbis(azo)
diisopentylphthalate
1,2-diethoxyethane
dibutyltin dichloride
disodium 4-
amino-3-[[4'-[(2,4-
diaminophenyl)azo]
disodium octaborate
2-ethylhexyl 10-
ethyl-4,4-dioctyl-7-
oxo-8-oxa-3,
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

China RoHS

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Cross-Plant Material Status

LT

Reference - Drawing Numbers

Packaging Specification

Product Specification

SPK-53309-001-001

PS-52465-014-001, PS-52588-031-001,

PS-52588-032-001

Sales Drawing

533090000-001, 533091000-001

n-pentyl-
isopentylphthalate
Boric acid
Nonadecafluorodecanoic
acid (PFDA) and its
sodiu
Tris(4-nonylphenyl,
branched and linear)
phosphi
Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]o
Perfluorohexane-1-
sulphonic acid and its
salts
Silicic acid (H₂Si₂O₅),
barium salt (1:1),
lead-
diarsenic trioxide
lead chromate
Lead chromate
molybdate sulfate red
Lead sulfochromate
yellow
tris(2-chloroethyl)
phosphate
tetraboron disodium
heptaoxide, hydrate
1,2-
benzenedicarboxylic
acid; di-C7-11-
branched
1,2-
benzenedicarboxylic
acid; di-C6-8-
branched a
1,2-dimethoxyethane
1,2-bis(2-
methoxyethoxy)ethane
bis(pentabromophenyl)
ether
cadmium oxide (non-
pyrophoric)
cadmium sulphide
orange lead
lead
cadmium
pyrochlore, antimony
lead yellow
lead dinitrate
lead titanium trioxide
pentalead tetraoxide
sulphate
trilead dioxide
phosphonate
tetralead trioxide
sulphate
dioxobis(stearato)trilead
Lead titanium
zirconium oxide
cadmium hydroxide
Sulfurous acid, lead
salt, dibasic
**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

[53309](#) Series

Mates With

Board-to-Board Receptacle [52465](#) , [52588](#)

This document was generated on 10/27/2020

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