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**Part Number:** [0533071471](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors  
**Description:** SlimStack Board-to-Board Connector, 0.80mm Pitch, Plug, 4.50 or 5.50mm Mated Height, 14 Circuits, Vertical, without Boss

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-53307-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">Product Specification PS-52465-015-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-52588-031-001 (PDF)</a>	<a href="#">Reference Guide (PDF)</a>

**General**

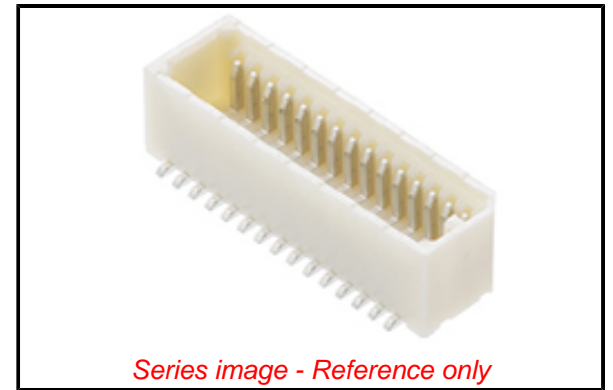
Product Family	PCB Headers
Series	53307
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a>
Product Name	SlimStack
Series Name	0.8 and above
UPC	822348180455

**Physical**

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	4.50mm, 5.50mm
Mated Width	5.10mm, 7.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	213.300/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
Pitch - Termination Interface	0.80mm
Plating min - Mating	3.048µm
Plating min - Termination	3.048µm
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
Voltage - Maximum	50V



**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  
Dipentyl phthalate  
dodecamethylcyclhexasiloxane  
decamethylcyclopentasiloxane  
disodium 3,3'-[[1,1'-  
biphenyl]-4,4'-  
diylbis(azo)  
1,2-  
Benzenedicarboxylic  
acid, bis(3-  
methylbutyl)  
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

**China RoHS**

## Material Info

### Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53307-001-001

PS-52465-015-001, PS-52588-031-001

SD-53307-014, SD-53307-015

acid, dihexyl ester,  
bra  
diisohexyl phthalate  
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 (H<sub>2</sub>Si<sub>2</sub>O<sub>5</sub>),  
barium salt (1:1),  
lead-  
diarsenic trioxide  
lead chromate  
Lead chromate  
molybdate sulfate red  
Lead sulfochromate  
yellow  
Tris(2-chloroethyl)  
phosphate  
Boric acid, disodium  
salt, 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**

[53307](#) Series

**Mates With**

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

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