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**Part Number:** [0533091870](#)  
**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, 18 Circuits, Right-Angle, without Boss

**Documents:**

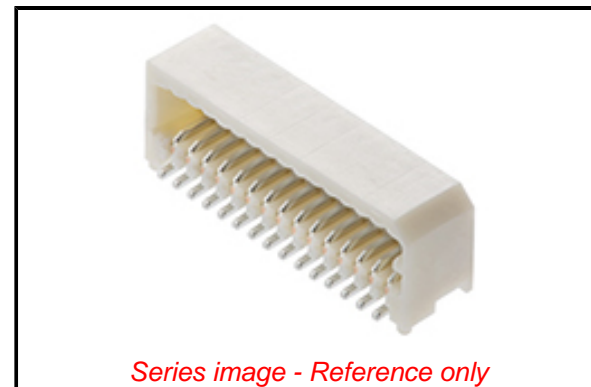
<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-53309-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-52465-014-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-52588-031-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-52588-032-001 (PDF)</a>	

**General**

Product Family	PCB Headers
Series	<a href="#">53309</a>
3D Viewer	Yes
Application	Board-to-Board, Signal
CURRENT-MAX-NUMERIC	0.5
Datasheet Order No	987651-8814, 987651-8815_ZH, 987651-8817_DE, 987651-8818_JA, 987651-8819_KO, 987651-8820_ES
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
PITCH-MATING-NUMERIC	0.80
Product Guide Order No	987651-8281
Product Literature Order No	987652-0196, Reference Guide#
Product Name	SlimStack
Series Name	0.80 Floating
UPC	822348124275

**Physical**

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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, 6.65mm
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	319.905/mg
Number of Rows	2
Orientation	Right Angle
PC Tail Length	0.40mm, 0.50mm
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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[53309](#) Series

**Mates With**

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

Shrouded  
Temperature Range - Operating  
Termination Interface: Style

Fully  
-40° to +105°C  
Surface Mount

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

0.5A  
50V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification

SPK-53309-001-001  
PS-52465-014-001, PS-52588-031-001,  
PS-52588-032-001

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