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**Part Number:** [0559090974](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board Connectors  
**Description:** SlimStack Board-to-Board Connector, 0.40mm Pitch, J-Bend Series, Plug, 0.20µm Gold (Au) Plating, 1.50 or 1.80mm Mated Height, 3.40 or 4.20mm Mated Width, 90 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-51338-002 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Packaging Specification SPK-55909-001-001 (PDF)</a>	

**General**

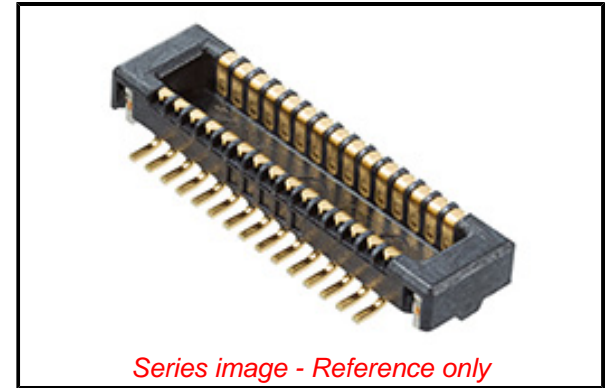
Product Family	PCB Headers
Series	<a href="#">55909</a>
3D Viewer	Yes
Application	Board-to-Board, Signal
CURRENT-MAX-NUMERIC	0.3
Comments	Solder Tab Plating: Tin, Solder Tab Plating: Tin
Datasheet Order No	987651-8558, 987651-8801_ZH, 987651-8803_DE, 987651-8804_JA, 987651-8805_KO, 987651-8806_ES
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
PITCH-MATING-NUMERIC	0.40
Product Guide Order No	987651-8281
Product Literature Order No	987652-0196, Reference Guide#
Product Name	SlimStack
Series Name	J-Bend
UPC	822348857937

**Physical**

Breakaway	No
Circuits (Loaded)	90
Circuits (maximum)	90
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	1.50mm, 1.80mm
Mated Width	3.40mm, 4.20mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	76.070/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Temperature Range - Operating	-25° to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.3A
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**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**

[55909](#) Series

**Mates With**

SlimStack J-Bend Receptacle [51338](#) , [500913](#)

Voltage - Maximum

50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SPK-55909-001-001

Product Specification

PS-51338-002

Sales Drawing

559090074-000, SD-55909-003

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