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Part Number: [0559099872](#)
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, 10 Circuits

Documents:

3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-51338-005 (PDF)	Reference Guide (PDF)
Packaging Specification SPK-55909-002-001 (PDF)	

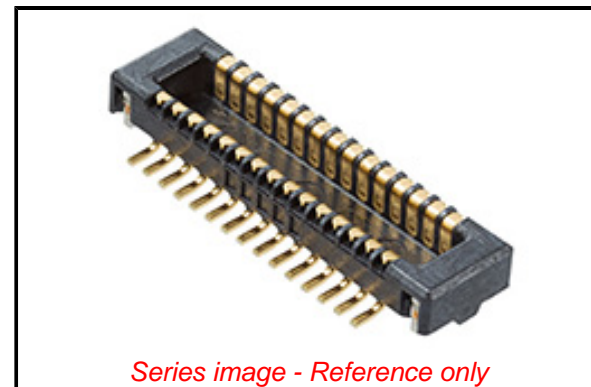
General

Product Family	PCB Headers
Series	55909
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	SlimStack Board-to-Board Connectors
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	884982137653

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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
Mated Width	3.40mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	16.130/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



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](#)

Current - Maximum per Contact
Voltage - Maximum

0.3A
50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-55909-002-001

Product Specification

PS-51338-005

Sales Drawing

SD-55909-005, SD-55909-006

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