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Part Number: [0559094472](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Plug, 0.40mm Pitch, J-Bend Series, 0.20µm Gold (Au) Plating, 1.50 or 1.80mm Mated Height, 3.40 or 4.20mm Mated Width, 44 Circuits

Documents:

Drawing (PDF)	Packaging Specification SPK-55909-001-001 (PDF)
2D Drawing DXF (PDF)	Datasheet (PDF)
3D Model	Product Guide (PDF)
2D Drawing (DXF)	RoHS Certificate of Compliance (PDF)
3D Model (PDF)	Reference Guide (PDF)

General

Product Family	PCB Headers
Series	55909
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.4, J-Bend
UPC	884982137660

Physical

Breakaway	No
Circuits (Loaded)	44
Circuits (maximum)	44
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
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	41.510/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

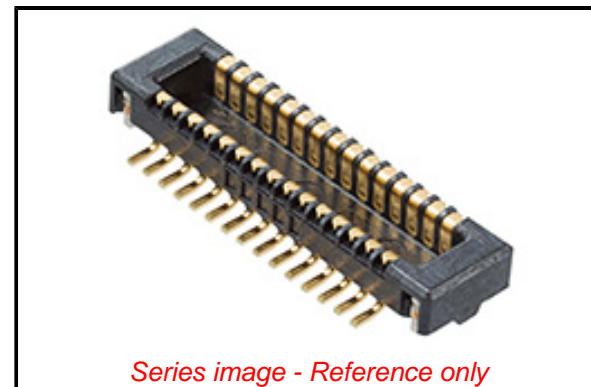
Electrical

Current - Maximum per Contact	0.3A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-55909-001-001
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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](#)

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