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Part Number: [0533071871](#)
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, 18 Circuits, Vertical, without Boss

Documents:

3D Model	Packaging Specification SPK-53307-001-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
Product Specification PS-52465-015-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-52588-031-001 (PDF)	Reference Guide (PDF)
Product Specification PS-52588-032-001 (PDF)	

General

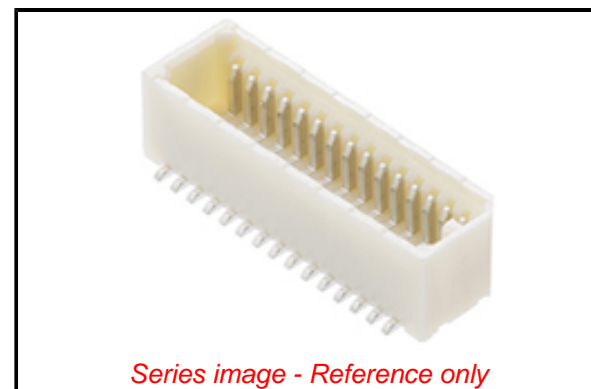
Product Family	PCB Headers
Series	53307
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.8 and above
UPC	822348180479

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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	261.800/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



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

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

[53307 Series](#)

Mates With

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

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53307-001-001

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

PS-52588-032-001

SD-53307-014-001, SD-53307-015-001

This document was generated on 12/20/2021

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