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Part Number: [5017450401](#)
Status: **Active**
Overview: [SlimStack Board-to-Board/Board-to-FPC Connectors](#)
Description: SlimStack Board-to-Board Plug, 0.40mm Pitch, J-Bend Series, 2.00 or 2.30mm Mated Height, 3.40 or 4.20mm Mated Width, 40 Circuits

Documents:

Drawing (PDF)	Packaging Specification SPK-501745-001-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
3D Model	Product Guide (PDF)
Product Specification PS-500913-002-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51338-003-001 (PDF)	Reference Guide (PDF)

General

Product Family	PCB Headers
Series	501745
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	883906546311

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	2.00mm, 2.30mm
Mated Width	3.40mm, 4.20mm
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	53.010/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
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

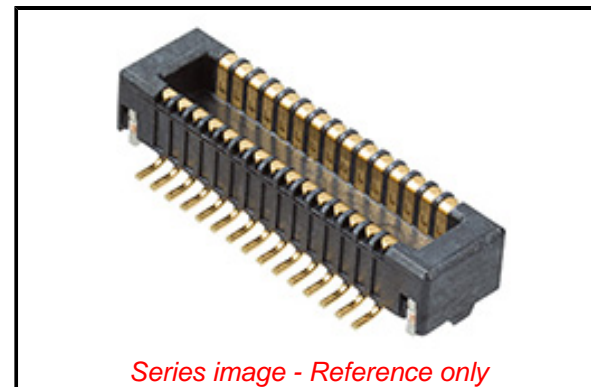
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-501745-001-001
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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

[501745 Series](#)

Mates With

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

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