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Part Number: [5054176010](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 1.00mm Mated Height, 2.00mm Mated Width, 60 Circuits, Armor Nail

Documents:

3D Model (PDF)	Packaging Specification 5054179200-200 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model	Product Guide (PDF)
Product Specification 5054130000-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5054130000-A00 (PDF)	Reference Guide (PDF)

General

Product Family	PCB Headers
Series	505417
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
Series Name	SSB RP
UPC	889056642088

Physical

Breakaway	No
Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	1.00mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	22.010/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.35mm
Pitch - Termination Interface	0.35mm
Plating min - Mating	0.102µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Surface Mount

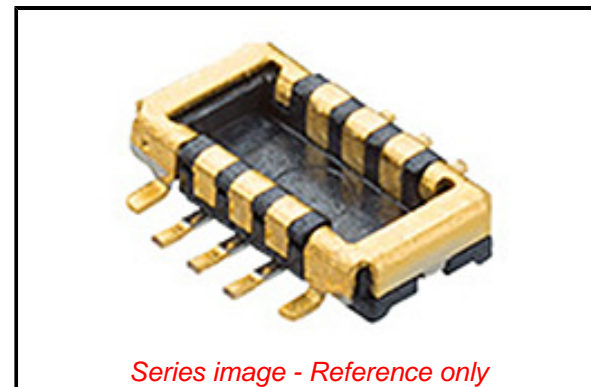
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification	5054179200-200
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

[505417 Series](#)

Mates With

SlimStack SSB RP Receptacle [505413](#)

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