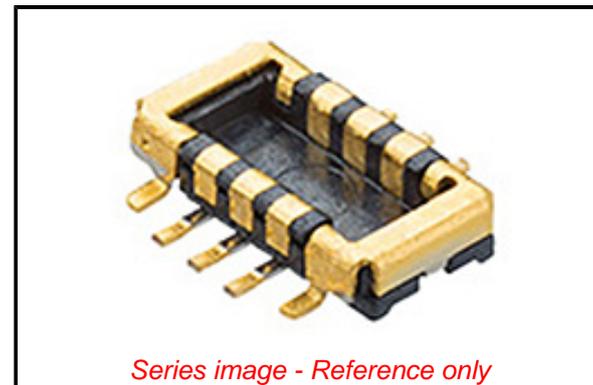


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Part Number: [5054176010](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Connector, 0.35mm Pitch, SSB RP Series, Plug, 1.00mm Mated Height, 2.00mm Mated Width, 60 Circuits, Armor Nail

Documents:

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



General

Product Family	PCB Headers
Series	505417
3D Viewer	Yes
Application	Board-to-Board, Signal
CURRENT-MAX-NUMERIC	0.3
Datasheet Order No	987651-2331, 987651-8783_ZH, 987651-8785_DE, 987651-8786_JA, 987651-8787_KO, 987651-8788_ES
Overview	SlimStack Board-to-Board Connectors
PITCH-MATING-NUMERIC	0.35
Product Guide Order No	987651-8281
Product Literature Order No	987652-0196, Reference Guide#
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
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
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EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/88/2018 (15 January 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

[505417 Series](#)

Mates With

SlimStack SSB RP Receptacle [505413](#)

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

5054179200-200

Product Specification

5054130000-001, 5054130000-A00

Sales Drawing

5054170000-000, 5054171000-000

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