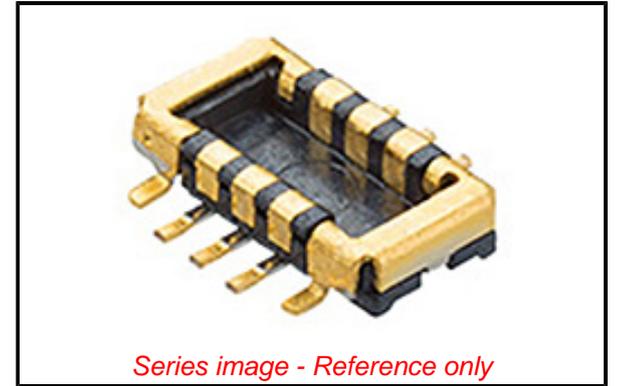


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Part Number: [5052744012](#)
Status: **Active**
Overview: [SlimStack Board-to-Board Connectors](#)
Description: SlimStack Board-to-Board Connector, 0.35mm Pitch, SSB RP Series, Plug, 0.80 or 0.90mm Mated Height, 2.00mm Mated Width, 40 Circuits, Armor Nail

Documents:

3D Model	Packaging Specification SPK-505270-001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5052700001-PS-000 (PDF)	Product Literature (PDF)
Packaging Specification 5052749200SPK-200 (PDF)	Product Literature (PDF)



General

Product Family	PCB Headers
Series	505274
3D Viewer	Yes
Application	Board-to-Board
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	191128462211

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.80mm, 0.90mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Gold over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	13.350/mg
Number of Rows	2
Orientation	Vertical
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
Voltage - Maximum	50V AC (RMS)/DC

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

[505274 Series](#)

Mates With

SlimStack SSB RP Receptacle [505270](#) ,
[505413](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

5052749200SPK-200, SPK-505270-001-001

5052700001-PS-000

5052740001-SD-000, 5052741001-SD-000

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