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Part Number: [5052702012](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB RP Series, 0.70 or 0.80mm Mated Height, 2.00mm Mated Width, 20 Circuits, Armor Nail

Documents:

- [3D Model](#)
[Drawing \(PDF\)](#)
[3D Model \(PDF\)](#)
[Product Specification 5052700001-PS-000 \(PDF\)](#)
[Product Specification 5052700003-PS-000 \(PDF\)](#)
[Application Specification 5052700000-A01 \(PDF\)](#)
- [Packaging Specification 5052709200SPK-200 \(PDF\)](#)
[Datasheet \(PDF\)](#)
[Product Guide \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)
[Reference Guide \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	505270
Application	Board-to-Board
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.35, SSB RP
UPC	191128462006

Physical

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.70mm, 0.80mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	12.290/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	0.100µm
Plating min - Termination	0.050µm
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, 3.0A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	5052700000-A01
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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

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[505270](#) Series

Mates With

SlimStack SSB RP Plug [505070](#) , [505274](#)

Packaging Specification
Product Specification
Sales Drawing

5052709200SPK-200
5052700001-PS-000, 5052700003-PS-000
5052700001-SD-000, 5052701001-SD-000

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