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Part Number: [5052702212](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Connector, 0.35mm Pitch, SSB RP Series, Receptacle, 0.70 or 0.80mm Mated Height, 2.00mm Mated Width, 22 Circuits, Armor Nail

Documents:

| | |
|---|--|
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5052700002-PS-000 (PDF) | Reference Guide (PDF) |
| Packaging Specification 5052709200SPK-200 (PDF) | |

General

| | |
|----------------|---|
| Product Family | PCB Receptacles |
| Series | 505270 |
| Application | Board-to-Board |
| Overview | SlimStack Board-to-Board Connectors |
| Product Name | SlimStack |
| Series Name | SSB RP |
| UPC | 191128462013 |

Physical

| | |
|--------------------------------|------------------------|
| Circuits (Loaded) | 22 |
| Circuits (maximum) | 22 |
| 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 | 12.970/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 |

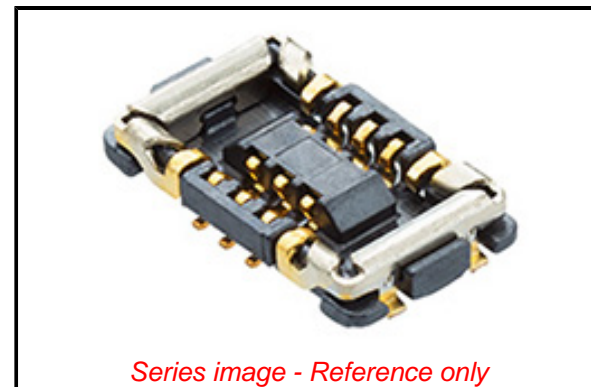
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|--------------------------------------|
| Packaging Specification | 5052709200SPK-200 |
| Product Specification | 5052700002-PS-000 |
| Sales Drawing | 5052700001-SD-000, 5052701001-SD-000 |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 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

[505270 Series](#)

Mates With

SlimStack SSB RP Plug [505070](#)

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