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Part Number: [5052744042](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 0.80 or 0.90mm Mated Height, 2.00mm Mated Width, 40 Circuits, Armor Nail, 0.25mm Fitting Nail Width

Documents:

| | |
|--|---|
| 3D Model | Packaging Specification 5052749200SPK-200 (PDF) |
| 3D Model (PDF) | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| Product Specification 5052700003-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification 5052700000-A01 (PDF) | Reference Guide (PDF) |

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 505274 |
| Application | Board-to-Board |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.35, SSB RP |
| UPC | 191128462228 |

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 |
| Material - Plating Termination | Gold |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 13.350/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 |
|---------------------------|----------------|



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

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](#)

Packaging Specification
Product Specification
Sales Drawing

5052749200SPK-200
5052700003-PS-000
5052740002-SD-000, 5052741002-SD-000

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