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Part Number: [0536490474](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 9.00 or 15.00mm Mated Height, 6.40mm Mated Width, 40 Circuits

Documents:

| | |
|---|--|
| Drawing (PDF) | Datasheet (PDF) |
| 3D Model | Product Guide (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 527600000-000 (PDF) | Reference Guide (PDF) |
| Packaging Specification SPK-53649-001-001 (PDF) | |

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 53649 |
| Application | Board-to-Board, Signal |
| Comments | Stacking-Type |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.635, Floating |
| UPC | 822348184132 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 50 |
| First Mate / Last Break | No |
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 15.00mm, 9.00mm |
| Mated Width | 6.40mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 761.581/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.64mm |
| Plating min - Mating | 0.254µm |
| Plating min - Termination | 2.032µm |
| Polarized to PCB | Yes |
| Robotic Placement | Metal Cap |
| Shrouded | Fully |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
|-------------------------------|------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not 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

[53649 Series](#)

Mates With

SlimStack 0.635 Receptacle [52885](#) , [52901](#)

Voltage - Maximum

100V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-53649-001-001

Product Specification

527600000-000

Sales Drawing

SD-52901-015-001, SD-53649-004-001, SD-53649-005

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