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Part Number: [0536250974](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 7.00 or 13.00mm Mated Height, 6.40mm Mated Width, 90 Circuits

Documents:

| | |
|---|--|
| Drawing (PDF) | Datasheet (PDF) |
| 3D Model (PDF) | Product Guide (PDF) |
| 3D Model | RoHS Certificate of Compliance (PDF) |
| Product Specification 527600000-000 (PDF) | Reference Guide (PDF) |
| Packaging Specification SPK-53625-001-001 (PDF) | |

Agency Certification

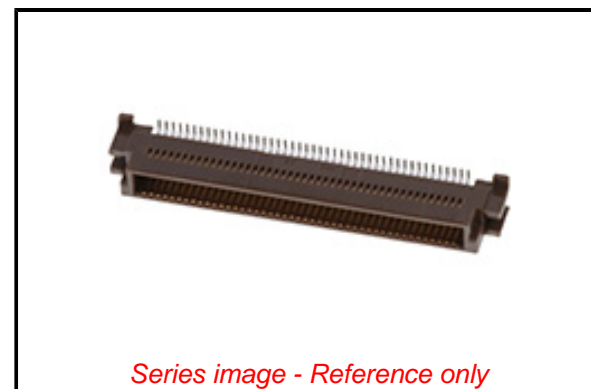
UL E29179

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 53625 |
| Application | Board-to-Board, Signal |
| Comments | Stacking-Type |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 0.635, Rigid |
| UPC | 822348165797 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 90 |
| Circuits (maximum) | 90 |
| Color - Resin | Brown |
| 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 | None |
| Mated Height | 13.00mm, 7.00mm |
| Mated Width | 6.40mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 944.951/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.635mm |
| Plating min - Mating | 0.254µm |
| Plating min - Termination | 1.016µm |
| Polarized to PCB | Yes |
| Robotic Placement | Metal Cap |
| Shrouded | Fully |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface: Style | Surface Mount |



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

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

[53625](#) Series

Mates With

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

Electrical

Current - Maximum per Contact 0.5A
Voltage - Maximum 100V

Material Info**Reference - Drawing Numbers**

Packaging Specification SPK-53625-001-001
Product Specification 527600000-000
Sales Drawing SD-53625-002-001, SD-53625-003-001

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