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Part Number: [0536471074](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 8.00 or 14.00mm Mated Height, 6.40mm Mated Width, 100 Circuits

Documents:

| | |
|---|--|
| 3D Model | Datasheet (PDF) |
| 3D Model (PDF) | Product Guide (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 527600000-000 (PDF) | Reference Guide (PDF) |
| Packaging Specification SPK-53647-001-001 (PDF) | |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 53647 |
| Application | Board-to-Board, Signal |
| Comments | Stacking-Type |
| Overview | SlimStack Board-to-Board Connectors |
| Product Name | SlimStack |
| Series Name | 0.635 |
| UPC | 822348204984 |

Physical

| | |
|--------------------------------|---|
| Breakaway | No |
| Circuits (Loaded) | 100 |
| Circuits (maximum) | 100 |
| 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 | 14.00mm, 8.00mm |
| Mated Width | 6.40mm |
| Material - Metal | Brass, Phosphor Bronze, Stainless Steel |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 1277.570/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | Yes |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.64mm |
| Polarized to PCB | Yes |
| Robotic Placement | Metal Cap |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

Material Info

Reference - Drawing Numbers



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

[53647](#) Series

Mates With

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

Packaging Specification
Product Specification
Sales Drawing

SPK-53647-001-001
527600000-000
SD-53647-002-001, SD-53647-003

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