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Part Number:

0536250774

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, 70 Circuits

Documents:

- 3D Model

Datasheet (PDF)
- Drawing (PDF)

Product Guide (PDF)
- 3D Model (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification 527600000-000 (PDF)

Reference Guide (PDF)
- Packaging Specification SPK-53625-001-001 (PDF)

General

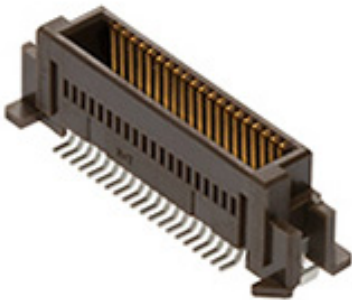
|                |                                                  |
|----------------|--------------------------------------------------|
| Product Family | PCB Headers                                      |
| Series         | 53625                                            |
| Application    | Board-to-Board, Signal                           |
| Comments       | Stacking-Type                                    |
| Overview       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name   | SlimStack                                        |
| Series Name    | 0.635, Rigid                                     |
| UPC            | 822348165773                                     |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 70                             |
| Circuits (maximum)             | 70                             |
| 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            | Yes                            |
| 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                     | 771.000/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                  |

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

53625 Series

Mates With

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

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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