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Part Number:

0536251474

Status:

Active

Overview:

Description:

SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 7.00 or 13.00mm Mated Height, 6.40mm Mated Width, 140 Circuits

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| Agency Certification           |                                                    |
| UL                             | E29179                                             |
| General                        |                                                    |
| Product Family                 | PCB Headers                                        |
| Series                         | 53625                                              |
| Application                    | Board-to-Board, Signal                             |
| Comments                       | Stacking-Type                                      |
| Overview                       | slimstack_fine_pitch_smt_board_to_board_connectors |
| Product Name                   | SlimStack                                          |
| Series Name                    | 0.635, Rigid                                       |
| UPC                            | 822348165827                                       |
| Physical                       |                                                    |
| Breakaway                      | No                                                 |
| Circuits (Loaded)              | 140                                                |
| Circuits (maximum)             | 140                                                |
| 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                     | 1344.701/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                                               |
| Voltage - Maximum              | 100V                                               |
| Material Info                  |                                                    |
| Reference - Drawing Numbers    |                                                    |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2020)9139-DC (19 Jan 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](#)

Packaging Specification  
Product Specification  
Sales Drawing

SPK-53625-001-001  
527600000-000  
SD-53625-002-001, SD-53625-003-001

This document was generated on 05/24/2021

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