

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0536250474

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, 40 Circuits



|                                                                 |                                                      |
|-----------------------------------------------------------------|------------------------------------------------------|
| Documents:                                                      |                                                      |
| <a href="#">3D Model</a>                                        | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">3D Model (PDF)</a>                                  | <a href="#">Product Guide (PDF)</a>                  |
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Product Specification 527600000-000 (PDF)</a>       | <a href="#">Reference Guide (PDF)</a>                |
| <a href="#">Packaging Specification SPK-53625-001-001 (PDF)</a> |                                                      |

|                                |                                                  |
|--------------------------------|--------------------------------------------------|
| Agency Certification           |                                                  |
| UL                             | E29179                                           |
| General                        |                                                  |
| Product Family                 | PCB Headers                                      |
| Series                         | 53625                                            |
| Application                    | Board-to-Board, Signal                           |
| Comments                       | Stacking-Type                                    |
| Component Type                 | PCB Header                                       |
| Overview                       | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name                   | SlimStack                                        |
| Series Name                    | 0.635, Floating, Rigid                           |
| Taxonomy                       | Board-to-Board Connectors                        |
| UPC                            | 822348165735                                     |
| Physical                       |                                                  |
| Breakaway                      | No                                               |
| Circuits (Loaded)              | 40                                               |
| Circuits (maximum)             | 40                                               |
| 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                     | 548.000/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                                            |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| 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](#)

|                                    |                                    |
|------------------------------------|------------------------------------|
| Temperature Range - Operating      | -55° to +105°C                     |
| Termination Interface: Style       | Surface Mount                      |
| <b>Electrical</b>                  |                                    |
| Current - Maximum per Contact      | 0.5A                               |
| Voltage - Maximum                  | 100V                               |
| <b>Material Info</b>               |                                    |
| <b>Reference - Drawing Numbers</b> |                                    |
| Packaging Specification            | SPK-53625-001-001                  |
| Product Specification              | 527600000-000                      |
| Sales Drawing                      | SD-53625-002-001, SD-53625-003-001 |

This document was generated on 01/25/2023

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION