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**Part Number:** [0536250874](#)  
**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, 80 Circuits

**Documents:**

- |                                                                 |                                                      |
|-----------------------------------------------------------------|------------------------------------------------------|
| <a href="#">3D Model (PDF)</a>                                  | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">3D Model</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         | <a href="#">53625</a>                                            |
| Application    | Board-to-Board, Signal                                           |
| Comments       | Stacking-Type                                                    |
| Overview       | <a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a> |
| Product Name   | SlimStack                                                        |
| Series Name    | 0.635, Floating, Rigid                                           |
| UPC            | 822348165780                                                     |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Breakaway                      | No                             |
| Circuits (Loaded)              | 80                             |
| Circuits (maximum)             | 80                             |
| 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                     | 865.201/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**

|                 |               |
|-----------------|---------------|
| 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](#)

**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 |

This document was generated on 02/04/2022

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