

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0536270474](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board Connectors  
**Description:** SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 10.00 or 16.00mm 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-53627-001-001 (PDF)</a> |  |

**Agency Certification**

UL E29179

**General**

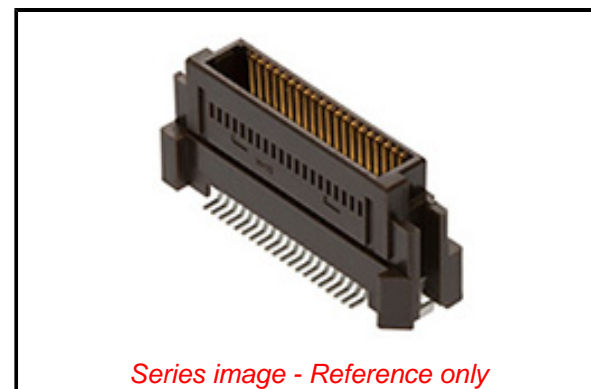
|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">53627</a>                               |
| Application    | Board-to-Board, Signal                              |
| Comments       | Stacking-Type                                       |
| Overview       | <a href="#">SlimStack Board-to-Board Connectors</a> |
| Product Name   | SlimStack   |
| Series Name    | 0.635   |
| UPC            | 822348165513  |

**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                   | 10.00mm, 16.00mm      |
| Mated Width                    | 6.40mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Tin                   |
| Net Weight                     | 834.221/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             |
| Shrouded                       | Fully                 |
| Temperature Range - Operating  | -55° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

Current - Maximum per Contact 0.5A



**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**

[53627](#) Series

**Mates With**

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

Voltage - Maximum

100V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SPK-53627-001-001

Product Specification

527600000-000

Sales Drawing

SD-53627-001-001, SD-53627-002-001

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