

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

53627-0274

Status:

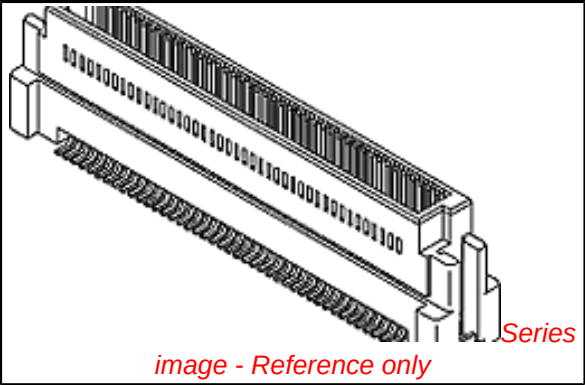
Active

Overview:

SlimStack™ 0.635mm Pitch Board-to-Board Connectors

Description:

0.635mm Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 10.00 and 16.00mm Stacking Heights, Lead-Free, 20 Circuits, with Embossed Tape with Cover Packaging



Documents:

3D Model

Drawing (PDF)

Product Specification PS-52760-015 (PDF)

Packaging Specification SPK-53627-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| Agency Certification           |                                                    |
| UL                             | E29179                                             |
| General                        |                                                    |
| Product Family                 | PCB Headers                                        |
| Series                         | 53627                                              |
| Application                    | Board-to-Board, Signal                             |
| Comments                       | Stacking-Type                                      |
| Overview                       | SlimStack™ 0.635mm Pitch Board-to-Board Connectors |
| Product Name                   | SlimStack™                                         |
| UPC                            | 822348164493                                       |
| Physical                       |                                                    |
| Breakaway                      | No                                                 |
| Circuits (Loaded)              | 20                                                 |
| Circuits (maximum)             | 20                                                 |
| Color - Resin                  | Brown                                              |
| Durability (mating cycles max) | 50                                                 |
| First Mate / Last Break        | No                                                 |
| Glow-Wire Compliant            | No                                                 |
| Guide to Mating Part           | No                                                 |
| Keying to Mating Part          | None                                               |
| Lock to Mating Part            | Yes                                                |
| Mated Height                   | 10.00mm, 16.00mm                                   |
| Material - Metal               | Copper Alloy, Phosphor Bronze, Stainless Steel     |
| Material - Plating Mating      | Gold                                               |
| Material - Plating Termination | Tin                                                |
| Net Weight                     | 579.461/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°C to +85°C                                     |
| Termination Interface: Style   | Surface Mount                                      |
| Electrical                     |                                                    |
| Current - Maximum per Contact  | 0.5A                                               |
| Voltage - Maximum              | 100V                                               |

Material Info

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

53627Series

Mates With

SlimStack™ Receptacle [52760](#) , [52837](#) , [52885](#) , [52901](#)

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification

SPK-53627-001  
PS-52760-015, RPS-52760-025, RPS-52760-028,  
RPS-52760-030, RPS-52885-007, RPS-52885-008,  
RPS-52885-009  
SD-53627-001, SD-53627-002

Sales Drawing

This document was generated on 08/19/2014

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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[53627-0274](#)