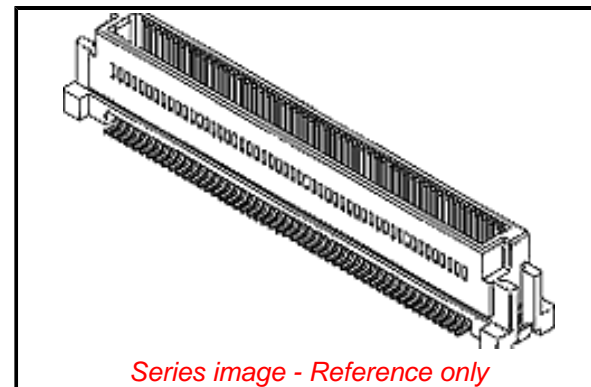


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0536470374](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.635mm Pitch Board-to-Board Connectors  
**Description:** 0.635mm Pitch SlimStack™ Header, Surface Mount, Dual Row, Vertical Stacking, 8.00 and 14.00mm Stacking Heights, 30 Circuits, with Embossed Tape with Cover Packaging

**Documents:**

[3D Model](#) [Packaging Specification SPK-53647-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 527600000-000 \(PDF\)](#)



Series image - Reference only

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">53647</a>  |
| Application    | Board-to-Board, Signal   |
| Comments       | Stacking-Type  |
| Overview       | <a href="#">SlimStack™ 0.635mm Pitch Board-to-Board Connectors</a> |
| Product Name   | SlimStack™   |
| UPC            | 822348204694   |

**Physical**

|                                |   |
|--------------------------------|---|
| Breakaway                      | No                                      |
| Circuits (Loaded)              | 30                                      |
| Circuits (maximum)             | 30                                      |
| 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                   | 14.00mm, 8.00mm                         |
| Material - Metal               | Brass, Phosphor Bronze, Stainless Steel |
| Material - Plating Mating      | Gold                                    |
| Material - Plating Termination | Tin                                     |
| Net Weight                     | 569.872/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                               |
| Stackable                      | No                                      |
| Temperature Range - Operating  | -55°C to +105°C                         |
| Termination Interface: Style   | Surface Mount                           |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 100V |

**Material Info**

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | SPK-53647-001-001 |
| Product Specification   | 527600000-000     |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[53647 Series](#)

**Mates With**

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

This document was generated on 08/02/2017

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