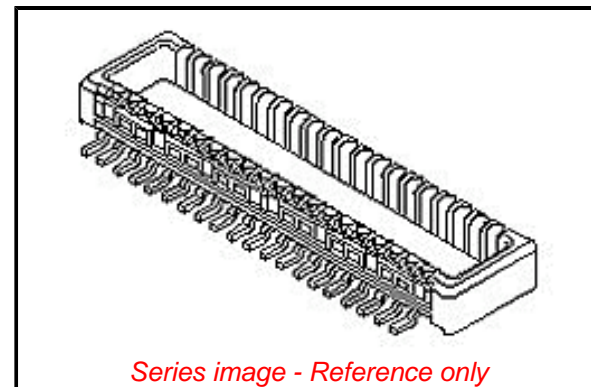


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0555600607](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.50mm Pitch Board-to-Board Connectors  
**Description:** 0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 60 Circuits

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 547220000-A00 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification SPK-55560-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-54722-009-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-54722-010-001 (PDF)</a> |   |



**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers                                       |
| Series         | 55560   |
| Application    | Board-to-Board, Signal                            |
| Overview       | SlimStack™ 0.50mm Pitch Board-to-Board Connectors |
| Product Name   | SlimStack   |
| UPC            | 800756003733                                      |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 60                    |
| Circuits (maximum)             | 60                    |
| 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                   | 1.50mm                |
| Mated Width                    | 6.00mm                |
| Material - Metal               | Brass                 |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 77.540/mg             |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PC Tail Length                 | 0.74mm                |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.50mm                |
| Plating min - Mating           | 0.254µm               |
| Plating min - Termination      | 0.102µm               |
| Shrouded                       | Fully                 |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 50V  |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | 547220000-A00                      |
| Packaging Specification   | SPK-55560-001-001                  |
| Product Specification     | PS-54722-009-001, PS-54722-010-001 |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**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**

[55560 Series](#)

**Mates With**

[54722 PCB Receptacle](#)

This document was generated on 04/01/2019

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