

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0555600407

Status:

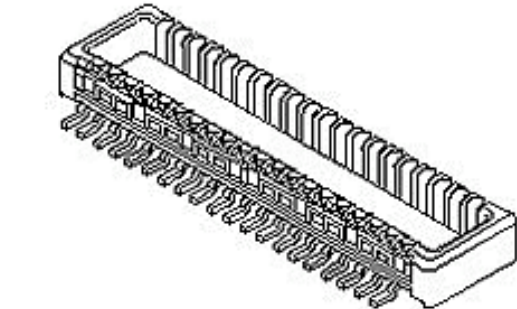
Active

Overview:

SlimStack™ 0.50mm Pitch Board-to-Board Connectors

Description:

0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 40 Circuits



Series image - Reference only

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

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Agency Certification           |                                                   |
| UL                             | E29179                                            |
| 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                            | 800756003702                                      |
| Physical                       |                                                   |
| Breakaway                      | No                                                |
| Circuits (Loaded)              | 40                                                |
| Circuits (maximum)             | 40                                                |
| 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                   | 1.50mm                                            |
| Material - Metal               | Brass                                             |
| Material - Plating Mating      | Gold                                              |
| Material - Plating Termination | Gold                                              |
| Net Weight                     | 54.360/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                                             |
| Stackable                      | No                                                |
| Temperature Range - Operating  | -40°C to +105°C                                   |
| Termination Interface: Style   | Surface Mount                                     |
| Electrical                     |                                                   |
| Current - Maximum per Contact  | 0.5A                                              |
| Voltage - Maximum              | 50V                                               |
| Material Info                  |                                                   |
| Reference - Drawing Numbers    |                                                   |
| Packaging Specification        | SPK-55560-001                                     |

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2015

June 15): No

Halogen-Free

Status

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

Search Parts in this Series

55560 Series

Mates With

54722 PCB Receptacle

Product Specification

PS-54722-009, PS-54722-010, RPS-54722-018,  
RPS-54722-019, RPS-54722-022, RPS-54722-024,  
RPS-54722-025, RPS-54722-026, RPS-54722-029,  
RPS-54722-030, RPS-54722-031, RPS-54722-034  
SD-55560-006, SD-55560-007

Sales Drawing

This document was generated on 09/29/2015

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