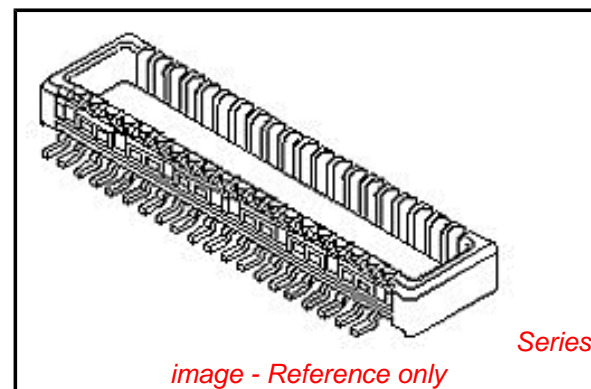


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**Part Number:** [55560-0407](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.50mm Pitch  
**Description:** 0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 40 Circuits

**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	<a href="#">SlimStack™ 0.50mm Pitch</a>
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	-25°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

<b>EU RoHS</b> ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen	<b>China RoHS</b> 
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**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**  
55560Series

**Mates With**  
[54722 PCB Receptacle](#)

Packaging Specification  
Product Specification

SPK-55560-001  
PS-54722-009, PS-54722-010, RPS-54037-011,  
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 12/31/2012

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