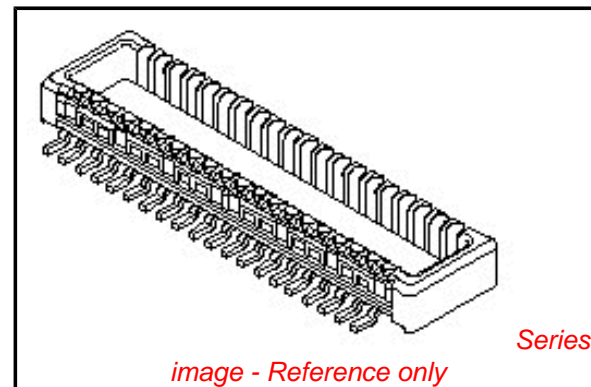


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**Part Number:** [55560-0507](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.50mm Pitch  
**Description:** 0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 50 Circuits

**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>



**General**

Product Family	PCB Headers
Series	<a href="#">55560</a>
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 0.50mm Pitch</a>
Product Name	SlimStack™

**Physical**

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	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	1.50mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
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**

UPC	800756003719
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**Reference - Drawing Numbers**

Packaging Specification	SPK-55560-001
Product Specification	PS-54722-009, PS-54722-010, RPS-54037-011, RPS-54722-018, RPS-54722-019, RPS-54722-024,

<b>EU RoHS</b> <b>ELV and RoHS</b> <b>Compliant</b> <b>REACH SVHC</b> <b>Contains SVHC: No</b> <b>Low-Halogen Status</b> <b>Not Reviewed</b>	<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](#)

Sales Drawing

RPS-54722-025, RPS-54722-026, RPS-54722-029,  
RPS-54722-030, RPS-54722-031, RPS-54722-034  
SD-55560-006, SD-55560-007

This document was generated on 06/29/2012

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