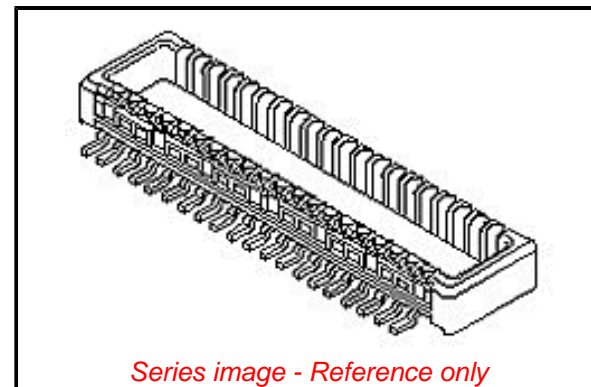


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0555600307](#)  
**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, 30 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-54722-010-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 547220000-A00 (PDF)</a>
<a href="#">3D Model (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>



**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">55560</a>
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 0.50mm Pitch Board-to-Board Connectors</a>
Product Name	SlimStack
UPC	800755973396

**Physical**

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Black
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
Material - Resin	High Temperature Thermoplastic
Net Weight	41.270/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
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**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**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](#)

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

547220000-A00  
SPK-55560-001-001  
PS-54722-009-001, PS-54722-010-001  
SD-55560-006, SD-55560-006-001, SD-55560-007

This document was generated on 04/02/2020

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