



Part Number : [555600407](#)

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

Series Number : 55560

Status : Active

Product Category : Board-to-Board Connectors

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## Documents & Resources

### Drawings

[Drawing 555600407\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 555600407.dxf](#)

[2D Drawing DXF \(PDF\) 555600407.pdf](#)

[3D Model 555600407\\_stp.zip](#)

### Specifications

[Application Specification 547220000-A00.pdf](#)


[Packaging Specification SPK-55560-001-001.pdf](#)

[Product Specification PS-54722-010-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Board-to-Board Connectors
Series	55560
Description	0.50mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical, 1.50mm Stack Height, 40 Circuits
Series Name	0.5, BB H1.5
Application	Board-to-Board, Signal
Component Type	PCB Header
Product Family	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
UPC	800756003702

### Agency

UL	E29179
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### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
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	54.360/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PC Tail Length	0.74mm
PCB Locator	No
PCB Retention	None
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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
0.50mm Pitch Vertical SlimStack Receptacles	<u>54722</u>