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Part Number: [55560-0168](#)
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, 16 Circuits

Documents:

[3D Model](#) [Product Specification PS-54722-010 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-54722-005 \(PDF\)](#)

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 800755985405

Physical

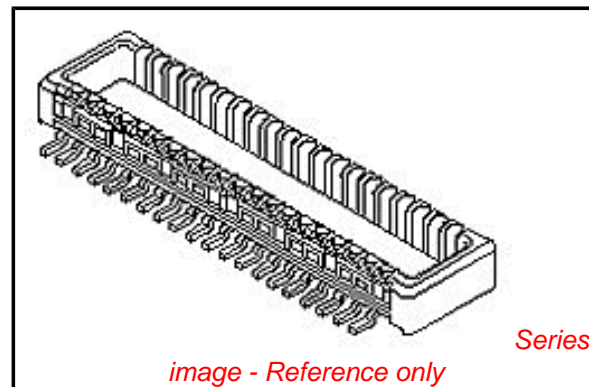
Breakaway No
 Circuits (Loaded) 16
 Circuits (maximum) 16
 First Mate / Last Break No
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Mated Height 1.50mm
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Gold
 Net Weight 24.344/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



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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](#)

Product Specification

Sales Drawing

PS-54722-005, PS-54722-010, RPS-54722-016,
RPS-54722-026, RPS-54722-031, RPS-54722-033
SD-55560-006, SD-55560-008

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