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**Part Number:** [0536250574](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.635mm Pitch Board-to-Board Connectors  
**Description:** 0.635mm Pitch SlimStack Header, Surface Mount, Dual Row, Vertical Stacking, 7.00 and 13.00mm Stack Height, 50 Circuits, with Embossed Tape with Cover Packaging

**Documents:**

[3D Model](#) [Packaging Specification SPK-53625-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 527600000-000 \(PDF\)](#)

**Agency Certification**

UL E29179

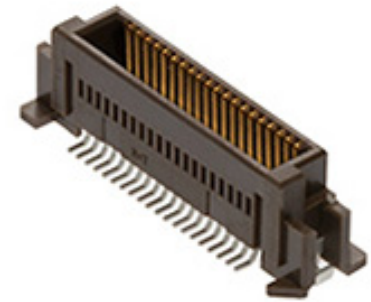
**General**

Product Family PCB Headers  
 Series [53625](#)  
 Application Board-to-Board, Signal  
 Comments Stacking-Type  
 Overview [SlimStack™ 0.635mm Pitch Board-to-Board Connectors](#)  
 Product Name SlimStack  
 UPC 822348165742

**Physical**

Breakaway No  
 Circuits (Loaded) 50  
 Circuits (maximum) 50  
 Color - Resin Brown  
 Durability (mating cycles max) 50  
 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 13.00mm, 7.00mm  
 Mated Width 6.40mm  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 626.951/mg  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.64mm  
 Plating min - Mating 0.254µm  
 Plating min - Termination 1.016µm  
 Polarized to PCB Yes  
 Robotic Placement Metal Cap  
 Shrouded Fully  
 Stackable No  
 Temperature Range - Operating -55° to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
 environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[53625 Series](#)

**Mates With**

SlimStack Receptacle [52885](#) , [52901](#)

Current - Maximum per Contact	0.5A
Voltage - Maximum	100V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-53625-001-001
Product Specification	527600000-000
Sales Drawing	SD-53625-002-001, SD-53625-003-001

This document was generated on 09/05/2018

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