

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0536250974](#)
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, 90 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 822348165797

Physical

Breakaway No
Circuits (Loaded) 90
Circuits (maximum) 90
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 None
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 944.951/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

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

[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 10/04/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION