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Part Number: [0536490874](#)
Status: **Active**
Overview: SlimStack™ 0.635mm Pitch Board-to-Board Connectors
Description: 0.635mm Pitch SlimStack Plug, Surface Mount, Dual Row, Vertical Stacking, 9.00 and 15.00mm Stacking Heights, 80 Circuits, with Embossed Tape with Cover Packaging

Documents:

[3D Model](#) [Packaging Specification SPK-53649-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 527600000-000 \(PDF\)](#)

General

Product Family	PCB Headers
Series	53649
Application	Board-to-Board, Signal
Comments	Stacking-Type
Overview	SlimStack™ 0.635mm Pitch Board-to-Board Connectors
Product Name	SlimStack
UPC	822348184187

Physical

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Natural
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	15.00mm, 9.00mm
Mated Width	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1590.461/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	2.032µm
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Shrouded	Fully
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Material Info



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

[53649 Series](#)

Mates With

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

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53649-001-001

527600000-000

SD-53649-004-001, SD-53649-005

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