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Part Number:

0536490374

Status:

Active

Overview:

SlimStack Board-to-Board/Board-to-FPC Connectors

Description:

SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 9.00 or 15.00mm Mated Height, 6.40mm Mated Width, 30 Circuits

Documents:

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

General

Product Family	PCB Headers
Series	53649
Application	Board-to-Board, Signal
Comments	Stacking-Type
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.635, Rigid
UPC	822348184125

Physical

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
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	Yes
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	554.361/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.635mm
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
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

53649 Series

Mates With

SlimStack 0.635 Receptacle [52885](#) , [52901](#)

Voltage - Maximum

100V

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-53649-001-001

Product Specification

527600000-000

Sales Drawing

SD-52901-015-001, SD-53649-004-001,
SD-53649-005-001, SD-53649-005-002

This document was generated on 10/06/2021

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