

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0536490874](#)
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, 80 Circuits, with Embossed Tape with Cover Packaging

Documents:

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

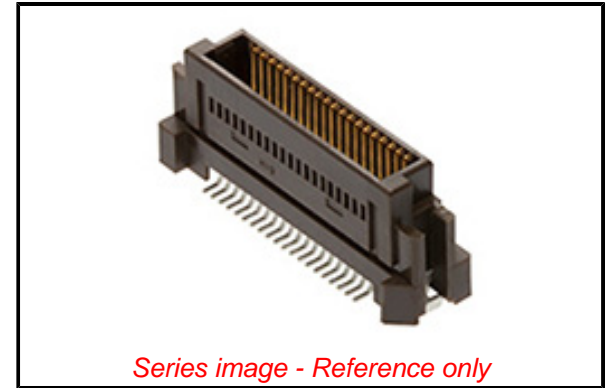
General

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, Floating, Rigid
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	0.635mm
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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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

Current - Maximum per Contact	0.5A
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

This document was generated on 04/16/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION