

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0529010974](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Receptacle, 12.00 to 16.00mm Mated Height, 6.40mm Mated Width, 90 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-52901-001-001 (PDF)	

Agency Certification

UL E29179

General

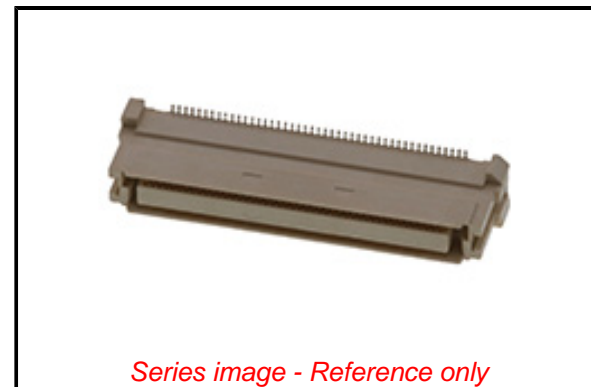
Product Family	PCB Receptacles
Series	52901
Application	Board-to-Board, Signal
Comments	Stacking-Type
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.635, Rigid
Taxonomy	Board-to-Board Connectors
UPC	822348176588

Physical

Circuits (Loaded)	90
Circuits (maximum)	90
Color - Resin	White
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	None
Mated Height	12.00mm, 13.00mm, 14.00mm, 15.00mm, 16.00mm
Mated Width	6.40mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2077.498/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.635mm
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

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

[52901](#) Series

Mates With

SlimStack 0.635 Plug [55091](#) , [53625](#) , [53647](#)
 , [53649](#) , [53627](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-52901-001-001

527600000-000

SD-52901-008-001, SD-52901-009-001,

SD-52901-015-001, SD-52901-017-001

This document was generated on 09/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION