

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0529010474

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, 40 Circuits

- Documents:
- 3D Model

Datasheet (PDF)
- Drawing (PDF)

Product Guide (PDF)
- 3D Model (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
UPC	822348176526
Physical	
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	White
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
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	1137.663/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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

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

Halogen-Free

Status

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

52901 Series

Mates With

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

Reference - Drawing Numbers

Packaging Specification	SPK-52901-001-001
Product Specification	527600000-000
Sales Drawing	SD-52901-008-001, SD-52901-009-001, SD-52901-017-001

This document was generated on 08/19/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION