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**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:**

<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 527600000-000 (PDF)</a>	<a href="#">Reference Guide (PDF)</a>
<a href="#">Packaging Specification SPK-52901-001-001 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

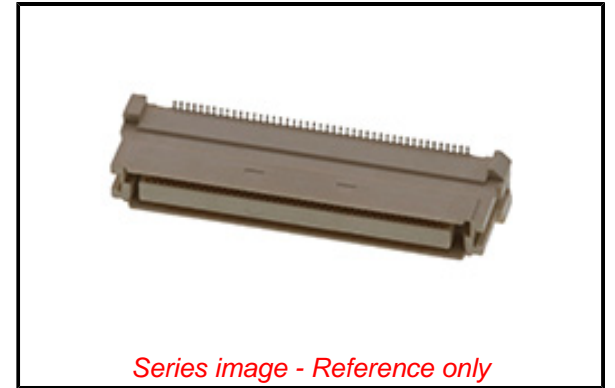
Product Family	PCB Receptacles
Series	<a href="#">52901</a>
Application	Board-to-Board, Signal
Comments	Stacking-Type
Component Type	PCB Receptacle
Overview	<a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a>
Product Name	SlimStack
Series Name	0.635, Rigid
Taxonomy	Board-to-Board Connectors
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



**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](#)

Voltage - Maximum

100V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SPK-52901-001-001

Product Specification

527600000-000

Sales Drawing

SD-52901-008-001, SD-52901-009-001,  
SD-52901-015-001, SD-52901-017-001

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