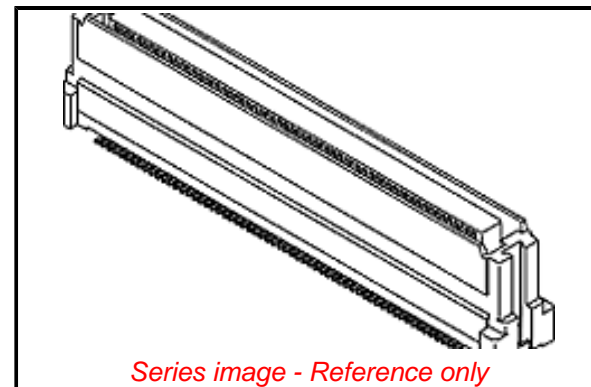


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0529010474](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.635mm Pitch Board-to-Board Connectors  
**Description:** 0.635mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical Stacking, 12.00 to 16.00mm Stacking Heights, Embossed Tape with Cover Packaging, 40 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-52760-015-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-52901-001-001 (PDF)</a>
<a href="#">Product Specification 527600000-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

UL E29179

**General**

Product Family	PCB Receptacles
Series	<a href="#">52901</a>
Application	Board-to-Board, Signal
MolexKits	Yes
Overview	<a href="#">SlimStack™ 0.635mm Pitch Board-to-Board Connectors</a>
Product Name	SlimStack™
UPC	822348176526

**Physical**

Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	White
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	11.00mm, 12.00mm, 13.00mm, 14.00mm, 15.00mm, 16.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1169.501/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	0.64mm
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Temperature Range - Operating	-55°C to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-52901-001-001
-------------------------	-------------------

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/30/2017 (7 July 2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[52901](#) Series

**Mates With**

[55091](#) , [53649](#) , [53643](#) , [53475](#) , [53627](#) , [53553](#) , [53552](#) , [53647](#) , [53551](#) , [53481](#) , [53625](#)

Product Specification  
Sales Drawing

527600000-000, PS-52760-015-001  
SD-52901-008, SD-52901-009, SD-52901-015,  
SD-52901-017

This document was generated on 08/30/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**