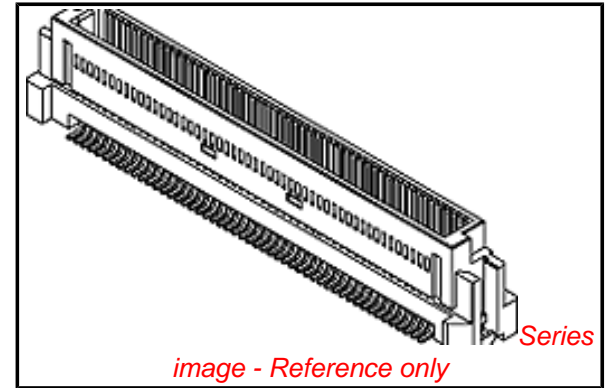


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**Part Number:** [53649-0674](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.635mm Pitch  
**Description:** 0.635mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical Stacking, 9.00 and 15.00mm Stacking Heights, Lead-Free, 60 Circuits, with Embossed Tape with Cover Packaging

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-52760-015 \(PDF\)](#)  
[Packaging Specification SPK-53649-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)



**General**

Product Family	PCB Headers
Series	<a href="#">53649</a>
Application	Board-to-Board, Signal
Comments	Stacking-Type
Overview	<a href="#">SlimStack™ 0.635mm Pitch</a>
Product Name	SlimStack™
UPC	822348184156

**Physical**

Breakaway	No
Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Natural
Durability (mating cycles max)	50
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	15.00mm, 9.00mm
Material - Metal	Brass, Phosphor Bronze, Stainless Steel
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1176.021/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.64mm
Plating min - Mating	0.254µm
Plating min - Termination	2.032µm
Polarized to PCB	Yes
Robotic Placement	Metal Cap
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

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

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[53649Series](#)

**Mates With**

SlimStack™ Receptacle [52760](#) , [52837](#) , [52885](#) , [52901](#)

## Material Info

### Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53649-001

PS-52760-015, RPS-52760-017, RPS-52760-030

SD-52901-015, SD-52901-017, SD-53649-005

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