

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

**Part Number:** [0526021279](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 1.00mm Pitch Board-to-Board Connectors  
**Description:** 1.00mm Pitch Receptacle, Dual Row Surface Mount, Vertical Stacking, Mated Stacking Height 20.00mm, 120 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-52602-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 525840000-000 \(PDF\)](#)

**General**

Product Family	PCB Receptacles
Series	<a href="#">52602</a>
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 1.00mm Pitch Board-to-Board Connectors</a>
Product Name	SlimStack
UPC	822348205059

**Physical**

Circuits (Loaded)	120
Circuits (maximum)	120
Color - Resin	White
Durability (mating cycles max)	50
Glow-Wire Capable	No
Mated Height	20.00mm
Mated Width	6.60mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	1491.240/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.80mm
Packaging Type	Tube
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.254µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Surface Mount

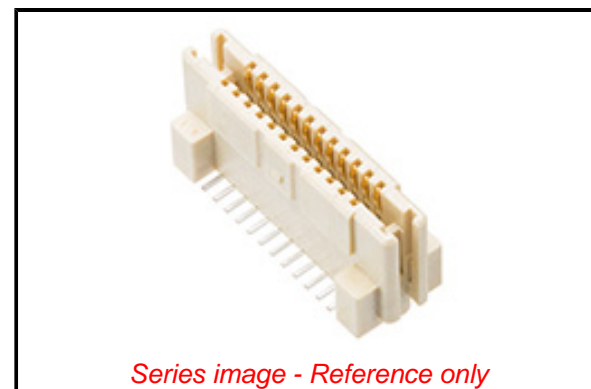
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-52602-001-001
Product Specification	525840000-000
Sales Drawing	SD-52602-001, SD-52602-002



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

[52602 Series](#)

**Mates With**

[53408](#)

This document was generated on 02/27/2019

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