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**Part Number:** [0526020679](#)  
**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, 60 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	822348205035

**Physical**

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	White
Durability (mating cycles max)	50
Glow-Wire Compliant	No
Mated Height	20.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	874.920/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°C to +85°C
Termination Interface: Style	Surface Mount

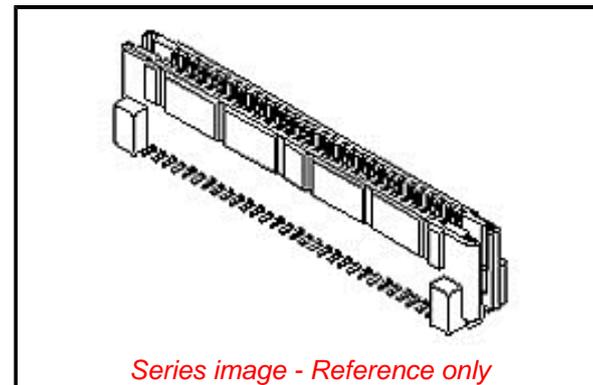
**Electrical**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 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**

[52602](#) Series

**Mates With**

[53408](#)

This document was generated on 06/14/2017

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