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**Part Number:** [0525841079](#)  
**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 18.00mm, 100 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-52584-002 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 525840000-000 (PDF)</a>	

**Agency Certification**

UL E29179

**General**

Product Family	PCB Receptacles
Series	52584
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 1.00mm Pitch Board-to-Board Connectors</a>
Product Name	SlimStack
UPC	822348188550

**Physical**

Circuits (Loaded)	100
Circuits (maximum)	100
Color - Resin	Natural
Durability (mating cycles max)	50
Flammability	94V-0
Glow-Wire Capable	No
Mated Height	18.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1577.700/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tube
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.254µm
Plating min - Termination	2.032µm
Polarized to PCB	No
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Surface Mount

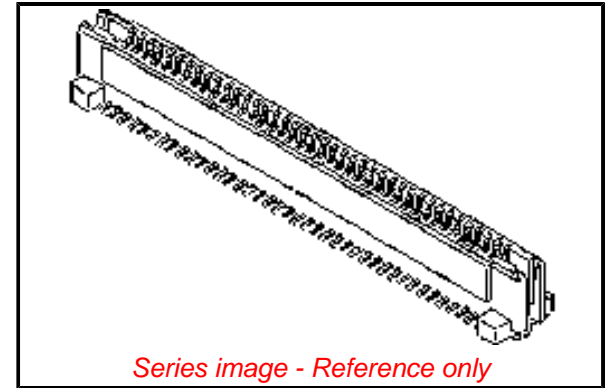
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification	525840000-000, PS-52584-002
Sales Drawing	SD-52584-007, SD-52584-008, SD-52584-009



**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**

52584 Series

**Mates With**

53395 , 53408

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