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**Part Number:** [52584-0679](#)  
**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, 60 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-52584-003 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Receptacles  
 Series [52584](#)  
 Application Board-to-Board, Signal  
 Overview [SlimStack™ 1.00mm Pitch Board-to-Board Connectors](#)  
 Product Name SlimStack™  
 UPC 822348188512

**Physical**

Circuits (Loaded) 60  
 Circuits (maximum) 60  
 Color - Resin Natural  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Mated Height 18.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 932.640/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°C to +85°C  
 Termination Interface: Style Surface Mount

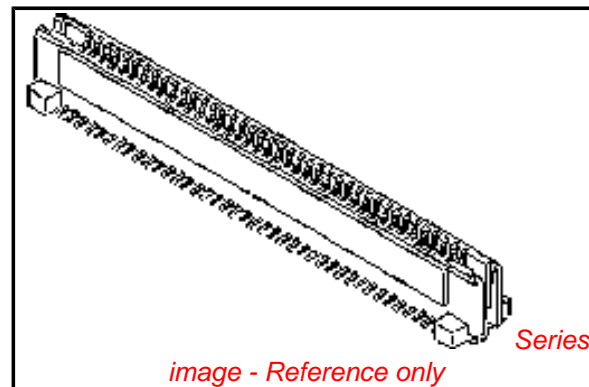
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-52584-003, RPS-52584-010  
 Sales Drawing SD-52584-007, SD-52584-008, SD-52584-009



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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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.

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[52584Series](#)

**Mates With**

[53395](#) , [53408](#)

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