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Part Number: [52584-1079](#)
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, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-52584-002 \(PDF\)](#)
[Product Specification PS-52584-003 \(PDF\)](#)
[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 822348188550

Physical

Circuits (Loaded) 100
Circuits (maximum) 100
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 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°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-52584-002, PS-52584-003, RPS-52584-010

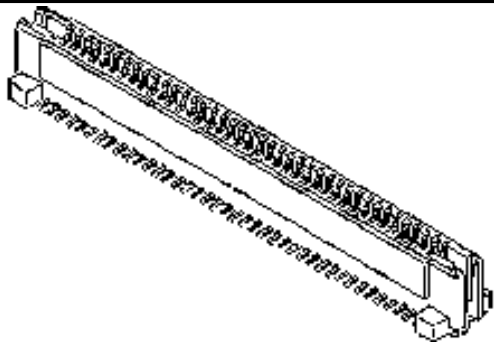


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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
[52584Series](#)

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

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