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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:

[3D Model](#) [Product Specification PS-52584-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 525840000-000 \(PDF\)](#)

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 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

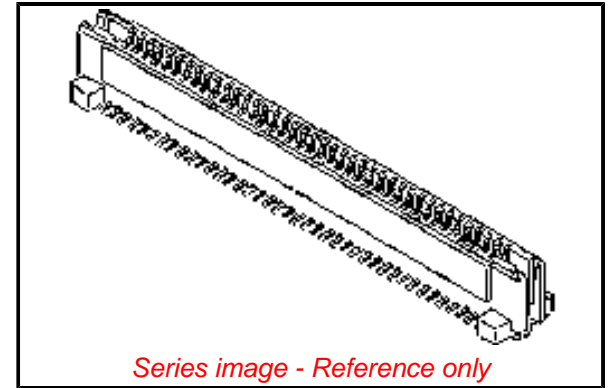
Electrical

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/61/2018 (27 June
 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Prop65

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Compliant

Not Contained

Search Parts in this Series

[52584 Series](#)

Mates With

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

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