

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0525840879](#)
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, 80 Circuits

Documents:

[3D Model](#) [Product Specification PS-52584-002 \(PDF\)](#)
[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 822348188536

Physical

Circuits (Loaded) 80
 Circuits (maximum) 80
 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 1250.620/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

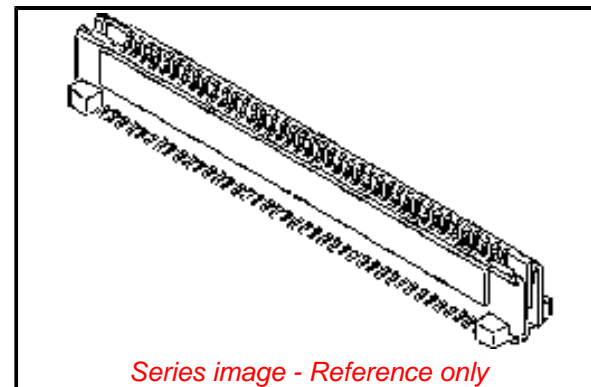
Electrical

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

Material Info

Reference - Drawing Numbers

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



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
 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

[52584 Series](#)

Mates With

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

This document was generated on 03/15/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION