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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)
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	822348188536

Physical

Circuits (Loaded)	80
Circuits (maximum)	80
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	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° to +85°C
Termination Interface: Style	Surface Mount

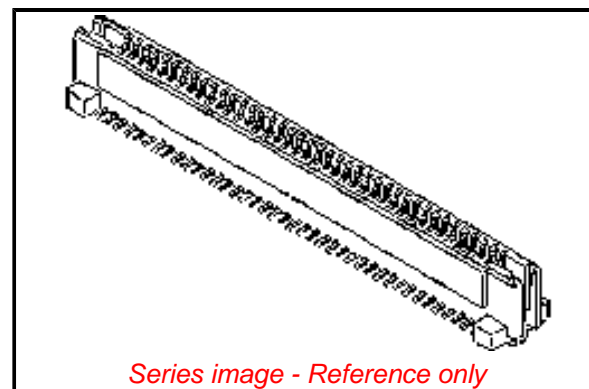
Electrical

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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