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Part Number: [0528850474](#)

Status: **Active**

Overview: [SlimStack Board-to-Board/Board-to-FPC Connectors](#)

Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Receptacle, 6.00 to 10.00mm Mated Height, 6.40mm Mated Width, 40 Circuits

Documents:

[3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification 527600000-000 \(PDF\)](#)

[Packaging Specification SPK-52885-001-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[Product Guide \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Reference Guide \(PDF\)](#)

Agency Certification

UL E29179

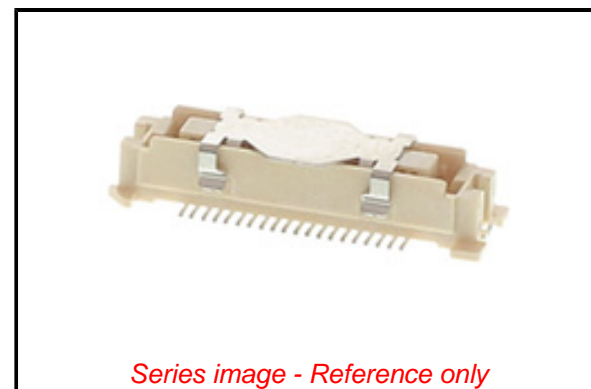
General

Product Family PCB Receptacles
Series [52885](#)
Application Board-to-Board, Signal
Comments Stacking-Type
Overview [SlimStack Board-to-Board/Board-to-FPC Connectors](#)
Product Name SlimStack
Series Name 0.635, Rigid
UPC 822348165896

Physical

Circuits (Loaded) 40
Circuits (maximum) 40
Color - Resin Natural
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Capable No
Lock to Mating Part Yes
Mated Height 10.00mm, 6.00mm, 7.00mm, 8.00mm, 9.00mm
Mated Width 6.40mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Net Weight 567.241/mg
Number of Rows 2
Orientation Vertical
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 0.635mm
Plating min - Mating 0.254µm
Plating min - Termination 2.032µm
Polarized to PCB Yes
Robotic Placement Pick and Place Cap
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -55° to +105°C
Termination Interface: Style Surface Mount

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[52885 Series](#)

Mates With

SlimStack 0.635 Plug [55091](#) , [53625](#) , [53647](#)
, [53649](#) , [53627](#)

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-52885-001-001
Product Specification	527600000-000
Sales Drawing	SD-52885-003-001, SD-52885-004-001

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