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Part Number: [0528850374](#)
Status: **Active**
Overview:
Description: SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Receptacle, 6.00 to 10.00mm Mated Height, 6.40mm Mated Width, 30 Circuits

Agency Certification

UL E29179

General

Product Family PCB Receptacles
 Series [52885](#)
 Application Board-to-Board, Signal
 Comments Stacking-Type
 Overview slimstack_fine_pitch_smt_board_to_board_connectors
 Product Name SlimStack
 Series Name 0.635, Rigid
 Taxonomy Board-to-Board Connectors
 UPC 822348165889

Physical

Circuits (Loaded) 30
 Circuits (maximum) 30
 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 470.693/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

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

Solder Process Data

Duration at Max. Process Temperature (seconds) 010
 Lead-freeProcess Capability REFLOW
 Max. Cycles at Max. Process Temperature 002

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2022)4187-DC (10
 June 2022)

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](#)

Process Temperature max. C 250

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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