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Part Number: [0529010774](#)
Status: **Active**
Overview: SlimStack™ 0.635mm Pitch Board-to-Board Connectors
Description: 0.635mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical Stacking, 12.00 to 16.00mm Stacking Heights, Embossed Tape with Cover Packaging, 70 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-52901-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 527600000-000 \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Receptacles
 Series [52901](#)
 Application Board-to-Board, Signal
 Comments Stacking-Type
 Overview [SlimStack™ 0.635mm Pitch Board-to-Board Connectors](#)
 Product Name SlimStack
 UPC 822348176564

Physical

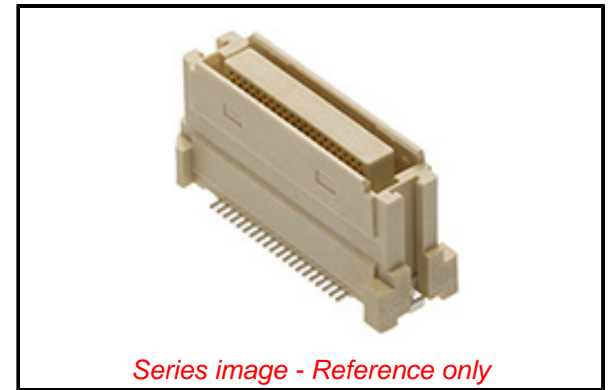
Circuits (Loaded) 70
 Circuits (maximum) 70
 Color - Resin White
 Durability (mating cycles max) 50
 Flammability 94V-0
 Glow-Wire Capable No
 Lock to Mating Part Yes
 Mated Height 12.00mm, 13.00mm, 14.00mm, 15.00mm, 16.00mm
 Mated Width 6.40mm
 Material - Metal Copper Alloy
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Net Weight 1690.801/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 0.64mm
 Polarized to PCB Yes
 Robotic Placement Pick and Place Cap
 Temperature Range - Operating -55° to +105°C
 Termination Interface: Style Surface Mount

Electrical

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

Material Info

Reference - Drawing Numbers



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/61/2018 (27 June
 2018)

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

[52901 Series](#)

Mates With

[55091](#) , [53649](#) , [53627](#) , [53647](#) , [53625](#)

Packaging Specification
Product Specification
Sales Drawing

SPK-52901-001-001
527600000-000
SD-52901-008-001, SD-52901-009-001

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