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Part Number:

0529010874

Status:

Active

Overview:

SlimStack Board-to-Board/Board-to-FPC Connectors

Description:

SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Receptacle, 12.00 to 16.00mm Mated Height, 6.40mm Mated Width, 80 Circuits

- Documents:
- 3D Model (PDF)

Datasheet (PDF)
- Drawing (PDF)

Product Guide (PDF)
- 3D Model

RoHS Certificate of Compliance (PDF)
- Product Specification 527600000-000 (PDF)

Reference Guide (PDF)
- Packaging Specification SPK-52901-001-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Receptacles

Series

52901

Application

Board-to-Board, Signal

Comments

Stacking-Type

Component Type

PCB Receptacle

Overview

SlimStack Board-to-Board/Board-to-FPC Connectors

Product Name

SlimStack

Series Name

0.635, Rigid

Taxonomy

Board-to-Board Connectors

UPC

822348176571

Physical

Circuits (Loaded)

80

Circuits (maximum)

80

Color - Resin

White

Durability (mating cycles max)

50

Flammability

94V-0

Glow-Wire Capable

No

Lock to Mating Part

None

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

1889.531/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

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



Series image - Reference only

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

52901 Series

Mates With

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

Voltage - Maximum

100V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

SPK-52901-001-001

Product Specification

527600000-000

Sales Drawing

SD-52901-008-001, SD-52901-009-001,  
SD-52901-015-001, SD-52901-017-001

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