

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0529010474

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, 40 Circuits

- Documents:
- Drawing (PDF)

3D Model

3D Model (PDF)

Product Specification 527600000-000 (PDF)

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

Datasheet (PDF)

Product Guide (PDF)

RoHS Certificate of Compliance (PDF)

Reference Guide (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Series Name

Taxonomy

UPC

PCB Receptacles

52901

Board-to-Board, Signal

Stacking-Type

PCB Receptacle

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

SlimStack

0.635, Rigid

Board-to-Board Connectors

822348176526

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Glow-Wire Capable

Lock to Mating Part

Mated Height

Mated Width

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Polarized to PCB

Robotic Placement

Temperature Range - Operating

Termination Interface: Style

40

40

White

50

94V-0

No

Yes

12.00mm, 13.00mm, 14.00mm, 15.00mm, 16.00mm

6.40mm

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

1137.663/mg

2

Vertical

Yes

Yes

1.60mm

Embossed Tape on Reel

0.635mm

Yes

Pick and Place Cap

-55° to +105°C

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

This document was generated on 01/18/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION