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Part Number:

0528850374

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, 30 Circuits

- Documents:
- 3D Model

Datasheet (PDF)
- Drawing (PDF)

Product Guide (PDF)
- 3D Model (PDF)

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

Reference Guide (PDF)
- Packaging Specification SPK-52885-001-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Receptacles

Series

52885

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

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

52885 Series

Mates With

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

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
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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