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Part Number:

0550910774

Status:

Active

Overview:

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

Description:

SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Plug, 6.00 or 12.00mm Mated Height, 6.40mm Mated Width, 70 Circuits

Documents:

- [Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[3D Model](#)

[Product Specification 527600000-000 \(PDF\)](#)

[Packaging Specification 550919200-200 \(PDF\)](#)
- [Datasheet \(PDF\)](#)

[Product Guide \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Reference Guide \(PDF\)](#)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

Series Name

UPC

PCB Headers

55091

Board-to-Board, Signal

Stacking-Type

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

SlimStack

0.635, Rigid

822348732098

Physical

Breakaway

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

Packaging Type

Pitch - Mating Interface

Polarized to PCB

Robotic Placement

Temperature Range - Operating

Termination Interface: Style

No

70

70

Black

50

94V-0

No

Yes

12.00mm, 6.00mm

6.40mm

Copper Alloy

Gold

Tin

High Temperature Thermoplastic

623.548/mg

2

Vertical

Yes

Yes

Embossed Tape on Reel

0.635mm

Yes

Metal Cap

-55° to +105°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

100V

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

55091 Series

Mates With

SlimStack 0.635 Receptacle [52885](#) , [52901](#)

Reference - Drawing Numbers

Packaging Specification	550919200-200
Product Specification	527600000-000
Sales Drawing	SD-55091-006-001, SD-55091-007-001

This document was generated on 12/20/2021

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