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Part Number:

0541020204

Status:

Active

Overview:

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

Description:

0.50mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical, 2.50mm Stacking Height, Gold Plating with Nickel Barrier, 20 Circuits

- Documents:
- 3D Model

Packaging Specification SPK-54102-001-001 (PDF)
- 3D Model (PDF)

Datasheet (PDF)
- Drawing (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-54102-011-001 (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Receptacles

Series

54102

Application

Board-to-Board, Signal

Overview

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

Product Name

SlimStack

Series Name

0.5, BB H2.5

UPC

822348279968

Physical

Circuits (Loaded)

20

Circuits (maximum)

20

Color - Resin

Black

Durability (mating cycles max)

30

Glow-Wire Capable

No

Lock to Mating Part

Yes

Mated Height

2.50mm

Mated Width

5.30mm

Material - Metal

Phosphor Bronze

Material - Plating Mating

Gold

Material - Plating Termination

Gold

Net Weight

89.581/mg

Number of Rows

2

Orientation

Vertical

PCB Locator

No

PCB Retention

None

PCB Thickness - Recommended

1.60mm

Packaging Type

Embossed Tape on Reel

Pitch - Mating Interface

0.50mm

Polarized to Mating Part

No

Polarized to PCB

No

Temperature Range - Operating

-40° to +105°C

Termination Interface: Style

Surface Mount

Electrical

Current - Maximum per Contact

0.5A

Voltage - Maximum

50V

Material Info

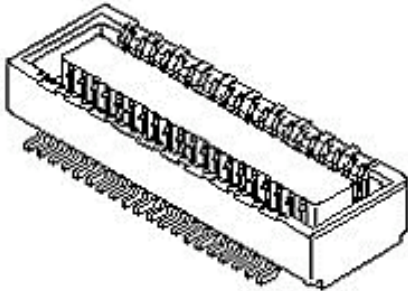
Reference - Drawing Numbers

Packaging Specification

SPK-54102-001-001

Product Specification

PS-54102-011-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

D(2020)9139-DC (19

Jan 2021)

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

54102 Series

Mates With

500334 PCB Header, 53885 PCB Header

This document was generated on 07/29/2021

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