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Part Number:

0541020164

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, 16 Circuits

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification PS-54102-011-001 (PDF)

Packaging Specification SPK-54102-001-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Overview

Product Name

Series Name

UPC

PCB Receptacles

54102

Board-to-Board, Signal

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

SlimStack

0.5, BB H2.5

822348279951

Physical

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Glow-Wire Capable

Lock to Mating Part

Mated Height

Mated Width

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Polarized to Mating Part

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

16

16

Black

30

No

Yes

2.50mm

5.30mm

Phosphor Bronze

Gold

Gold

76.125/mg

2

Vertical

No

None

1.60mm

Embossed Tape on Reel

0.50mm

No

No

-40° to +105°C

Surface Mount

Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A

50V

Material Info

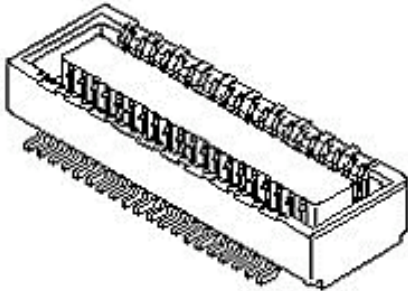
Reference - Drawing Numbers

Packaging Specification

Product Specification

SPK-54102-001-001

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

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