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Part Number:

5054731010

Status:

Active

Overview:

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

Description:

SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Battery Series, 0.60mm Mated Height, 2.00mm Mated Width, 10 Circuits, 10.0A

- Documents:
- 3D Model

Packaging Specification 5054739200-200 (PDF)
- Drawing (PDF)

Datasheet (PDF)
- 3D Model (PDF)

Product Guide (PDF)
- Product Specification 5054730000-000 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 5054730000-A00 (PDF)

Reference Guide (PDF)

General

Product Family

Series

Application

Comments

PCB Receptacles

505473

Board-to-Board

\* 10A of current per circuit is applicable if the circuit is constructed by two power pins via a PWB/FPC circuit

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

SlimStack

10A, Battery

889056268882

Physical

(p)ower-(s)ignal Configuration

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

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Locator

PCB Retention

Packaging Type

Pitch - Mating Interface

Pitch - Termination Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Temperature Range - Operating

Termination Interface: Style

4p - 6s

10

10

Black

10

No

Yes

0.60mm

2.00mm

Copper Alloy

Gold

Gold

Liquid Crystal Polymer

11.083/mg

2

Vertical

No

Yes

Embossed Tape on Reel

0.40mm

0.40mm

0.100µm

0.050µm

No

No

-40° to +85°C

Surface Mount

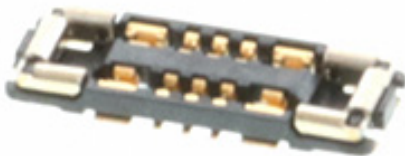
Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A, 5.0A\*

50V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per -

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July 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

505473 Series

Mates With

SlimStack Battery (10.0A) Plug 505476

**Material Info**

**Reference - Drawing Numbers**

|                           |                                |
|---------------------------|--------------------------------|
| Application Specification | 5054730000-A00                 |
| Packaging Specification   | 5054739200-200                 |
| Product Specification     | 5054730000-000                 |
| Sales Drawing             | 5054730000-000, 5054731000-000 |

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