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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

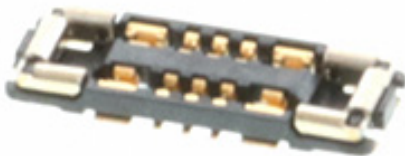
Electrical

Current - Maximum per Contact

Voltage - Maximum

0.5A, 5.0A*

50V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

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	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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