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**Part Number:** 5050040812

Status: **Active** 

Overview: SlimStack Board-to-Board/Board-to-FPC Connectors

SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Battery Series, 0.75mm Mated **Description:** 

Height, 2.50mm Mated Width, 8 Circuits, 6.0A

**Documents:** 

Packaging Specification 5050049200-200 (PDF) 3D Model

Drawing (PDF) Datasheet (PDF) 3D Model (PDF) Product Guide (PDF)

Product Specification 5050040000-003 (PDF) RoHS Certificate of Compliance (PDF)

Application Specification 5050040000-003 (PDF) Reference Guide (PDF)

General

**Product Family PCB** Receptacles

505004 Series Application Board-to-Board

Comments \* 6A of current per circuit is applicable if the circuit is constructed by two power pins via a PWB/FPC circuit

Overview SlimStack Board-to-Board/Board-to-FPC Connectors **Product Name** SlimStack

Series Name 6A, Battery **UPC** 191128441094

**Physical** 

(p)ower-(s)ignal Configuration 4p - 4s Circuits (Loaded) 8 Circuits (maximum) 8 Color - Resin Black Durability (mating cycles max) 10 Glow-Wire Capable No Lock to Mating Part Yes

Mated Height 0.75mm Mated Width 2.50mm Material - Metal Copper Alloy Material - Plating Mating Gold

Material - Plating Termination Gold

Material - Resin Liquid Crystal Polymer 10.820/mg

Net Weight Number of Rows Orientation Vertical **PCB** Locator No **PCB** Retention Yes

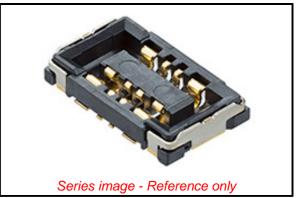
Packaging Type **Embossed Tape on Reel** 

Pitch - Mating Interface 0.40mm Pitch - Termination Interface 0.40mm Plating min - Mating 0.100µm Plating min - Termination 0.050µm Polarized to Mating Part No Polarized to PCB No

Temperature Range - Operating -40° to +85°C Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 0.3A, 3.0A\* Voltage - Maximum 50V AC (RMS)/DC



**EU ELV** 

**Not Relevant** 

**EU RoHS China 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

505004 Series

**Mates With** 

SlimStack Battery (6.0A) Plug 505006

## **Material Info**

**Reference - Drawing Numbers** 

Application Specification Packaging Specification Product Specification Sales Drawing 5050040000-003 5050049200-200 5050040000-003

SD-505004-005-001, SD-505004-006-001

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