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Part Number: 5050060812

Status: Active

Overview: SlimStack Board-to-Board Connectors

Description: SlimStack Board-to-Board Plug, 0.40mm Pitch, Battery Series, 0.75mm Mated Height, 2.50mm Mated Width, 8 Circuits, 6.0A

Series image - Reference only

Documents:

- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification 5050040000-003 (PDF)
- Application Specification 5050040000-A00 (PDF)
- Packaging Specification 5050069200-200 (PDF)
- Datasheet (PDF)
- Product Guide (PDF)
- RoHS Certificate of Compliance (PDF)
- Reference Guide (PDF)

General

Product Family	PCB Headers
Series	505006
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 Connectors
Product Name	SlimStack
Series Name	Battery
UPC	191128441100

Physical

(p)ower-(s)ignal Configuration	4p - 4s
Breakaway	No
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
Net Weight	5.410/mg
Number of Rows	2
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
Compliant

China RoHS

REACH SVHC
Not Contained Per - D(2020)4578-DC (25 June 2020)

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
505006 Series

Mates With
SlimStack Battery (6.0A) Receptacle 505004

Material Info

Reference - Drawing Numbers

Application Specification	5050040000-A00
Packaging Specification	5050069200-200
Product Specification	5050040000-003
Sales Drawing	SD-505006-005, SD-505006-006

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