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Part Number:

5050040812

Status:

Active

Overview:

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

Description:

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

- Documents:
- 3D Model

Packaging Specification 5050049200-200 (PDF)
- Drawing (PDF)

Datasheet (PDF)
- 3D Model (PDF)

Product Guide (PDF)
- Product Specification 5050040000-003 (PDF)

RoHS Certificate of Compliance (PDF)
- Application Specification 5050040000-A00 (PDF)

Reference Guide (PDF)

General	
Product Family	PCB Receptacles
Series	505004
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
Net Weight	10.820/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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2021)10043-DC (17 Jan 2022)	
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	5050040000-A00
Packaging Specification	5050049200-200
Product Specification	5050040000-003
Sales Drawing	SD-505004-005-001, SD-505004-006-001

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