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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 5050040000-003 (PDF)	Reference Guide (PDF)

General

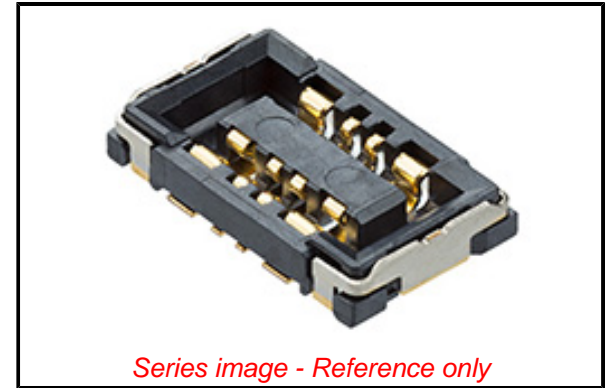
Product Family	PCB Receptacles
Series	505004
Application	Board-to-Board
Comments	* 6A of current per circuit is applicable if the circuit is constructed by two power pins via a PWB/FPC circuit
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	6A, Battery
UPC	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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[505004](#) Series

Mates With

SlimStack Battery (6.0A) Plug [505006](#)

Material Info

Reference - Drawing Numbers

Application Specification	5050040000-003
Packaging Specification	5050049200-200
Product Specification	5050040000-003
Sales Drawing	SD-505004-005-001, SD-505004-006-001

This document was generated on 09/06/2021

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