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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:

2D Drawing (DXF)	Application Specification 5054730000-A00 (PDF)
2D Drawing DXF (PDF)	Packaging Specification 5054739200-200 (PDF)
3D Model	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5054730000-000 (PDF)	Reference Guide (PDF)

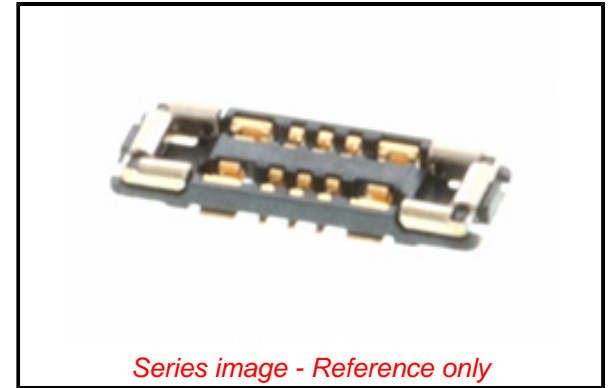
General

Product Family	PCB Receptacles
Series	505473
Application	Board-to-Board
Comments	10A of current per circuit is applicable if the circuit is constructed by two power pins via a PWB/FPC circuit
Component Type	PCB Receptacle
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	10A, Battery
Taxonomy	Board-to-Board Connectors
UPC	889056268882

Physical

(p)ower-(s)ignal Configuration	4p - 6s
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	10
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.60mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	11.083/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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

505473 Series

Mates With

SlimStack Battery (10.0A) Plug [505476](#)

Current - Maximum per Contact
Voltage - Maximum

0.5A, 5.0A*
50V AC (RMS)/DC

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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