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Part Number: **5054761010**

Status: **Active**

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

Description: SlimStack Board-to-Board Plug, 0.40mm Pitch, Battery Series, 0.60mm Mated Height, 2.00mm Mated Width, 10 Circuits, 10.0A

Documents:

| | |
|--|--|
| Drawing (PDF) | Application Specification 5054730000-A00 (PDF) |
| 3D Model | Packaging Specification 5054769200-200 (PDF) |
| 2D Drawing (DXF) | Datasheet (PDF) |
| 2D Drawing DXF (PDF) | Product Guide (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5054730000-000 (PDF) | Reference Guide (PDF) |

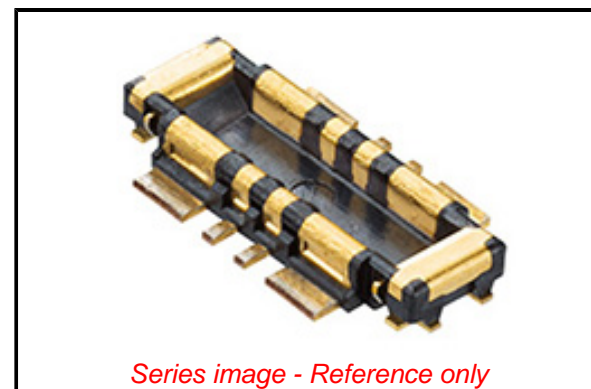
General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 505476 |
| 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 |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 10A, Battery |
| Taxonomy | Board-to-Board Connectors |
| UPC | 889056269025 |

Physical

| | |
|--------------------------------|------------------------|
| (p)ower-(s)ignal Configuration | 4p - 6s |
| Breakaway | No |
| 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 | 6.158/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



Series image - Reference only

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

505476 Series

Mates With

SlimStack Battery (10.0A) Receptacle
505473

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 | 5054769200-200 |
| Product Specification | 5054730000-000 |
| Sales Drawing | 5054760000-000, 5054761000-000 |

This document was generated on 09/03/2022

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