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Part Number: [2074200081](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Connector, 0.80mm Pitch, Battery Series, Plug, 0.75mm Mated Height, 2.50mm Mated Width, 8 Circuits, 11.0A

Documents:

| | |
|--------------------------------------------------------------|------------------------------------------------------|
| 3D Model | Datasheet (PDF) |
| Drawing (PDF) | Product Guide (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 2074190080-001 (PDF) | Reference Guide (PDF) |
| Packaging Specification 2074209400-400 (PDF) | |

General

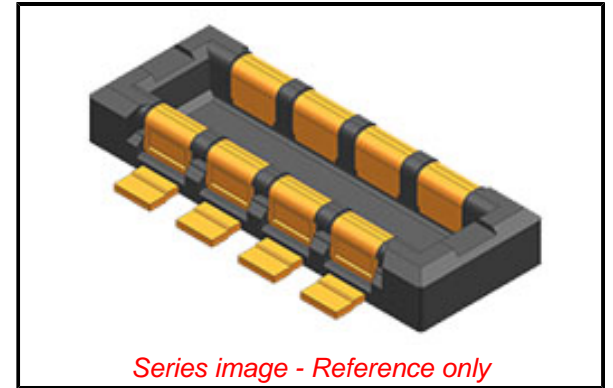
| | |
|----------------|-------------------------------------------------------------------------------------------------------------------|
| Product Family | PCB Headers |
| Series | 207420 |
| Application | Board-to-Board |
| Comments | * 11A of current per circuit is applicable if the circuit was constructed by two power pins via a PWB/FPC circuit |
| Overview | SlimStack Board-to-Board/Board-to-FPC Connectors |
| Product Name | SlimStack |
| Series Name | 11A, Battery |
| UPC | 193264101238 |

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 | 195.488/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 0.80mm |
| Pitch - Termination Interface | 0.80mm |
| 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, 5.5A* |
| Voltage - Maximum | 50V AC (RMS)/DC |



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

[207420 Series](#)

Mates With

[SlimStack Battery \(11.0A\) Receptacle
207419](#)

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|----------------|
| Packaging Specification | 2074209400-400 |
| Product Specification | 2074190080-001 |
| Sales Drawing | 2074200081-000 |

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