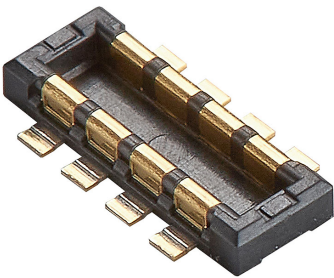




Part Number : [2074200081](#)
Product Description : SlimStack Board-to-Board Connector, 0.80mm Pitch, Battery Series, Plug, 0.75mm Mated Height, 2.50mm Mated Width, 8 Circuits, 11.0A
Series Number : 207420
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings
[Drawing 2074200081_sd.pdf](#)

3D Models and Design Files
[3D Model 2074200081_stp.zip](#)

Specifications
[Packaging Specification 2074209400-400.pdf](#)
[Product Specification 2074190080-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 34; 33; 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)
- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	207420
Description	SlimStack Board-to-Board Connector, 0.80mm Pitch, Battery Series, Plug, 0.75mm Mated Height, 2.50mm Mated Width, 8 Circuits, 11.0A
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
Component Type	PCB Header
Product Family	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
UPC	193264101238

Electrical

Current - Maximum per Contact	0.3A, 5.5A*
Voltage - Maximum	50V AC (RMS)/DC

Physical

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
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
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
(p)ower-(s)ignal Configuration	4p - 4s
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
0.80mm Pitch SlimStack Board-to-Board Receptacles	<u>207419</u>