



Part Number : 5054760810
Product Description : SlimStack Board-to-Board Plug, 0.40mm Pitch, Battery Series, 0.60mm Mated Height, 2.00mm Mated Width, 8 Circuits, 10.0A
Series Number : 505476
Status : New Business Not Supported
Product Category : Board-to-Board Connectors



Documents & Resources

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
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	New Business Not Supported
Category	Board-to-Board Connectors
Series	505476
Description	SlimStack Board-to-Board Plug, 0.40mm Pitch, Battery Series, 0.60mm Mated Height, 2.00mm Mated Width, 8 Circuits, 10.0A
Series Name	10A, Battery
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 Header
Product Name	SlimStack
UPC	889056268912

Electrical

Current - Maximum per Contact	0.5A, 5.0A*
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	0.60mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	5.619/mg
Number of Rows	2

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