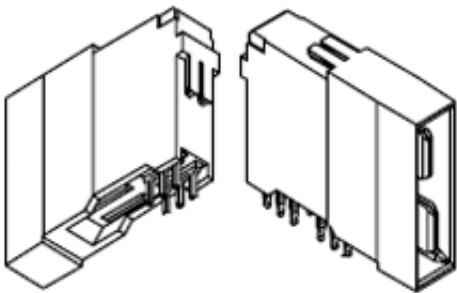




Part Number : [755611500](#)
Product Description : EXTreme PowerMass
11.00 Pitch, 80A per module, Right-Angle Plug,
Tail Length 3.07mm, Lead-Free, with Pegs
Series Number : 75561
Status : Active
Product Category : Board-to-Board
Connectors



Documents & Resources


Drawings
[755611500_sd.pdf](#)
[PK-46081-100-001.pdf](#)

3D Models and Design Files
[755611500_stp.zip](#)

Specifications
[PS-75431-999-001.pdf](#)

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)4144-DC (27 June 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 | Active |
| Category | Board-to-Board Connectors |
| Series | 75561 |
| Description | EXTreme PowerMass 11.00 Pitch, 80A per module, Right-Angle Plug, Tail Length 3.07mm, Lead-Free, with Pegs |
| Application | Board-to-Board, Power |
| Comments | 80A per module, 40A per contact (2 contacts per module) |
| Component Type | PCB Header |
| Product Name | EXTreme PowerMass |
| UPC | 800756930923 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 40.0A |
| Voltage - Maximum | 450V |

Physical

| | |
|--------------------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Durability (mating cycles max) | 50 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |

| | |
|--------------------------------|-----------------------|
| Glow-Wire Capable | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | Copper-Nickel-Silicon |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Net Weight | 16.175/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PC Tail Length | 3.07mm |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 2.40mm |
| Pitch - Mating Interface | 11.00mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | No |
| Polarized to PCB | Yes |
| (p)ower-(s)ignal Configuration | 2p - 0s |
| Shrouded | Closed Ends |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|------------------|
| EXTreme PowerMass 11.00mm Pitch, 80A per module, Vertical Receptacle, Lead-Free | <u>755455000</u> |

This document was generated on Oct 22, 2024