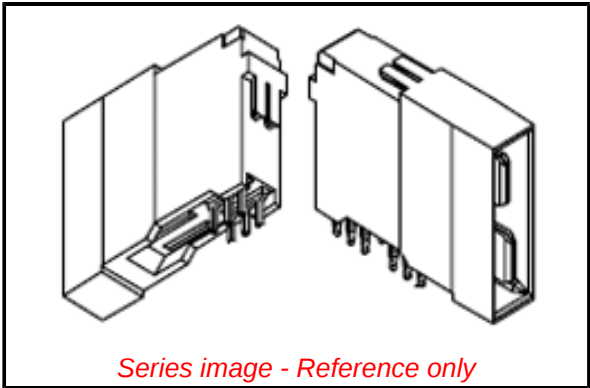


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**Part Number:** 0755615001  
**Status:** Active  
**Overview:** EXTreme PowerMass High-Current Connectors  
**Description:** EXTreme PowerMass 0.13mm Pitch, 80A per module, Right-Angle Plug, Tail Length 3.81mm, without Pegs

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Packaging Specification PK-46081-100-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                                                                                  |
|--------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Agency Certification</b>    |                                                                                                                  |
| CSA                            | LR19980                                                                                                          |
| UL                             | E29179                                                                                                           |
| <b>General</b>                 |                                                                                                                  |
| Product Family                 | PCB Headers                                                                                                      |
| Series                         | 75561                                                                                                            |
| 3D Viewer                      | Yes                                                                                                              |
| Application                    | Board-to-Board, Power                                                                                            |
| CURRENT-MAX-NUMERIC            | 40.0                                                                                                             |
| Comments                       | 80A per module, 40A per contact (2 contacts per module), 80A per module, 40A per contact (2 contacts per module) |
| Overview                       | EXTreme PowerMass High-Current Connectors                                                                        |
| PITCH-MATING-NUMERIC           | 3.00                                                                                                             |
| Product Name                   | EXTreme PowerMass                                                                                                |
| UPC                            | 800756779683                                                                                                     |
| <b>Physical</b>                |                                                                                                                  |
| (p)ower-(s)ignal Configuration | 2p - 0s                                                                                                          |
| 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                     | 11.268/g                                                                                                         |
| Number of Rows                 | 2                                                                                                                |
| Orientation                    | Right Angle                                                                                                      |
| PC Tail Length                 | 3.81mm                                                                                                           |
| PCB Locator                    | No                                                                                                               |
| PCB Retention                  | None                                                                                                             |
| PCB Thickness - Recommended    | 2.40mm                                                                                                           |
| Packaging Type                 | Tray                                                                                                             |
| Pitch - Mating Interface       | 3.00mm                                                                                                           |
| Plating min - Mating           | 0.762µm                                                                                                          |
| Plating min - Termination      | 2.540µm                                                                                                          |
| Polarized to Mating Part       | Yes                                                                                                              |
| Polarized to PCB               | Yes                                                                                                              |
| Shrouded                       | Closed Ends                                                                                                      |



|                                                                                                                                                                                                                                               |                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| <b>EU ELV</b><br><b>Not Relevant</b>                                                                                                                                                                                                          |                                              |
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>ED/71/2019 (16 July<br>2019)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b><br>For more information, please visit <a href="#">Contact US</a> | <b>China RoHS</b>                            |
| China ROHS<br>ELV<br>RoHS Phthalates                                                                                                                                                                                                          | Green Image<br>Not Relevant<br>Not Contained |

**Search Parts in this Series**  
75561 Series

**Mates With**  
755455000 EXTreme PowerMass  
Receptacle, 755455001 EXTreme  
PowerMass Receptacle

|                                    |                  |
|------------------------------------|------------------|
| Stackable                          | No               |
| Surface Mount Compatible (SMC)     | Yes              |
| Temperature Range - Operating      | -40° to +105°C   |
| Termination Interface: Style       | Through Hole     |
| <b>Electrical</b>                  |                  |
| Current - Maximum per Contact      | 40.0A            |
| Voltage - Maximum                  | 450V             |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Packaging Specification            | PK-46081-100-001 |
| Sales Drawing                      | SD-75561-100-001 |

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