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**Part Number:** [0755685148](#)  
**Status:** **Active**  
**Overview:** [EXTreme PowerMass High-Current Connectors](#)  
**Description:** EXTreme PowerMass Signal Module, Plug, Right-Angle, 48 Circuits, Short Pin

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-75431-999-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-46081-100-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

**Agency Certification**

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

**General**

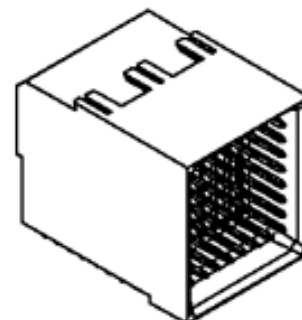
|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">75568</a>                                     |
| Application    | Board-to-Board, Signal                                    |
| Overview       | <a href="#">EXTreme PowerMass High-Current Connectors</a> |
| Product Name   | EXTreme PowerMass   |
| UPC            | 800756779911  |

**Physical**

|                                |                |
|--------------------------------|----------------|
| (p)ower-(s)ignal Configuration | 48s - 0p       |
| Breakaway                      | No             |
| Circuits (Loaded)              | 48             |
| Circuits (maximum)             | 48             |
| Durability (mating cycles max) | 50             |
| First Mate / Last Break        | Yes            |
| Flammability                   | 94V-0          |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | No             |
| Material - Plating Mating      | Gold           |
| Material - Plating Termination | Tin            |
| Net Weight                     | 19.900/g       |
| Number of Rows                 | 8              |
| Orientation                    | Right Angle    |
| PC Tail Length                 | 3.07mm         |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness - Recommended    | 2.40mm         |
| Packaging Type                 | Tray           |
| Pitch - Mating Interface       | 2.50mm         |
| Pitch - Termination Interface  | 2.50mm         |
| Polarized to Mating Part       | No             |
| Polarized to PCB               | No             |
| Shrouded                       | Closed Ends    |
| Stackable                      | No             |
| Surface Mount Compatible (SMC) | Yes            |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface: Style   | Through Hole   |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum             | 50V  |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

For more information, please visit [Contact US](#)

|            |              |
|------------|--------------|
| China ROHS | Not Reviewed |
|------------|--------------|

|     |              |
|-----|--------------|
| ELV | Not Relevant |
|-----|--------------|

|                 |              |
|-----------------|--------------|
| RoHS Phthalates | Not Reviewed |
|-----------------|--------------|

**Search Parts in this Series**

[75568](#) Series

**Mates With**

[75548](#) EXTreme PowerMass Receptacle

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-46081-100-001

Product Specification

PS-75431-999-001

Sales Drawing

SD-75568-100-001, TS-75431-999-001

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