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**Part Number:** [0458415000](#)  
**Status:** **Active**  
**Overview:** EXTreme PowerDock Connectors  
**Description:** EXTreme PowerDock 150A Power Receptacle Coplanar Module, 1 Circuit, Right-Angle Plug, Tail Length 4.70mm

**Documents:**

[3D Model](#) [Packaging Specification PK-45841-500 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[3D Model \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

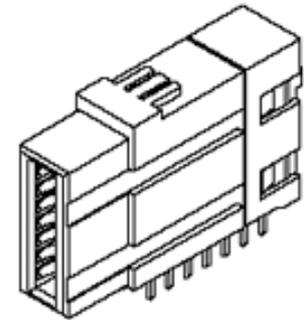
Product Family PCB Receptacles  
 Series [45841](#)  
 Application Board-to-Board, Power  
 Overview [EXTreme PowerDock Connectors](#)  
 Product Name EXTreme PowerDock  
 UPC 800756932316

**Physical**

(p)ower-(s)ignal Configuration 1p - 0s  
 Circuits (Loaded) 1  
 Circuits (maximum) 1  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Capable No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part None  
 Material - Metal Copper-Nickel-Silicon  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 19.701/g  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 4.70mm  
 PCB Locator No  
 PCB Retention None  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.60mm  
 Pitch - Termination Interface 1.60mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 2.540µm  
 Polarized to Mating Part Yes  
 Polarized to PCB No  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 150.0A



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ECHA\_01\_2020 (16  
 January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[45841 Series](#)

**Mates With**

[755565000](#) EXTreme PowerMass Plug Assemblies, [755565100](#) EXTreme PowerMass Plug Assemblies

Grounding to PCB  
Voltage - Maximum

No  
600V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Sales Drawing

PK-45841-500  
SD-45841-100

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