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Part Number: [45841-5000](#)
Status: **Active**
Overview: EXTreme PowerDock™
Description: EXTreme PowerDock™ 150A Power Receptacle Coplanar Module, 1 Circuit, Right Angle Plug, Tail Length 4.70mm

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

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

Physical

(p)ower-(s)ignal Configuration 1p - 0s
Circuits (Loaded) 4
Circuits (maximum) 4
Durability (mating cycles max) 50
Flammability 94V-0
Glow-Wire Compliant 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°C to +105°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 150A

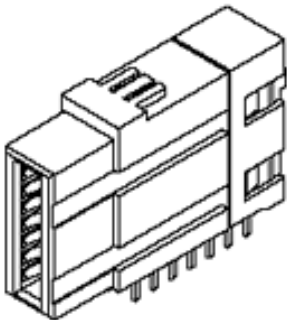


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[45841Series](#)

Mates With
75556-5000 EXTreme PowerMass™
Plug Assemblies, 75556-5100 EXTreme PowerMass™ Plug Assemblies

Grounding to PCB
Voltage - Maximum

No
600V

Material Info

Reference - Drawing Numbers

Sales Drawing

SD-45841-100

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