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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](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

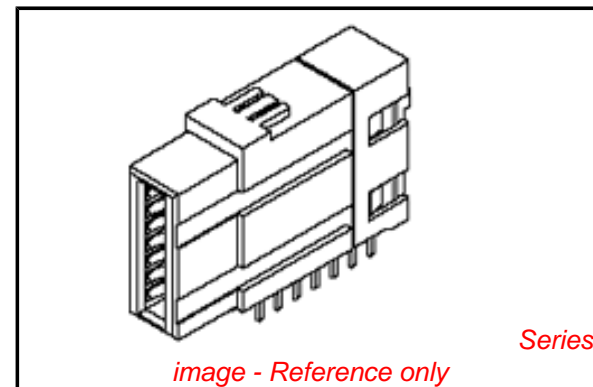
Product Family PCB Receptacles
 Series [45841](#)
 Application Board-to-Board, Power
 Overview [EXTreme PowerDock™](#)
 Product Name EXTreme PowerDock™
 UPC 800756932316

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



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Not Reviewed

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

This document was generated on 01/22/2013

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