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Part Number: [45483-0164](#)
Status: **Active**
Overview: [EXTreme PowerDock™](#)
Description: 2.50mm/7.50mm EXTremePowerDock™ Assembly with Guide Pins, 30 Circuits, 6 Power, 24 Signal, 600V AC / 250V DC

Documents:

[Drawing \(PDF\)](#) [Test Summary TS-45424-001 \(PDF\)](#)
[Product Specification PS-45424-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
TUV R72081037
UL E29179

General

Product Family PCB Receptacles
Series [45483](#)
Application Power, Signal
Comments 6 Power, 24 Signal
Overview [EXTreme PowerDock™](#)
Product Name EXTreme PowerDock™
UPC 822348633364

Physical

Circuits (Loaded) 30
Circuits (maximum) 30
Color - Resin Black
Durability (mating cycles max) 250
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Keying to Mating Part None
Lock to Mating Part No
Material - Plating Mating Copper
Material - Plating Termination Gold, Tin
Material - Resin High Temperature Thermoplastic
Net Weight 38.440/g
Number of Rows 1
Orientation Vertical
PC Tail Length 2.92mm
PCB Retention Yes
PCB Thickness - Recommended 1.57mm
Packaging Type Tray
Pitch - Mating Interface 2.50mm, 7.50mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Solder or Weld

Electrical

Current - Maximum per Contact 45A
Voltage - Maximum 600V AC / 250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 5
Lead-free Process Capability Wave Capable (TH only)



Series

image - Reference only

EU RoHS

RoHS Compliant by Exemption

REACH SVHC

Not Reviewed

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

[45483Series](#)

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Product Specification	PS-45424-001
Sales Drawing	SD-45483-164
Test Summary	TS-45424-001

This document was generated on 10/11/2012

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