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Part Number: [0454830410](#)
Status: **Active**
Overview: EXTreme PowerDock™ Connectors
Description: 2.50mm/7.50mm/12.00mm EXTremePowerDock™ Assembly with Guide Sockets, 30 Circuits, 4 Power, 24 Signal, 2 Power, 600V AC / 250V DC

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [45483](#)
 Application Power, Signal
 Comments 4 Power, 24 Signal, 2 Signal
 Overview [EXTreme PowerDock™ Connectors](#)
 Product Name EXTreme PowerDock™
 UPC 800756718330

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 38.864/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 3.60mm
 PCB Retention Yes
 PCB Thickness - Recommended 2.36mm
 Packaging Type Tray
 Pitch - Mating Interface 12.00mm, 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 45.0A
 Voltage - Maximum 600V AC / 250V DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
 Lead-free Process Capability SMC&WAVE
 Max. Cycles at Max. Process Temperature 001
 Process Temperature max. C 250



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

**Halogen-Free
 Status**

Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS Green Image
 ELV Not Relevant
 RoHS Phthalates Not Contained

Search Parts in this Series
[45483 Series](#)

Material Info

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-45424-001-001

SD-45483-0410

This document was generated on 05/29/2017

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