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Part Number: [45481-0243](#)
Status: **Active**
Overview: EXTreme PowerDock™
Description: 2.50mm EXTremePower Dock™ Assembly, 24 Circuits, 24 Signal, 600V AC / 250V DC

Documents:

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

Agency Certification

| | |
|-----|-----------|
| CSA | LR19980 |
| TUV | R72081037 |
| UL | E29179 |

General

| | |
|----------------|---------------------------|
| Product Family | PCB Headers |
| Series | 45481 |
| Application | Signal |
| Overview | <u>EXTreme PowerDock™</u> |
| Product Name | EXTreme PowerDock™ |
| UPC | 822350621663 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 24 |
| Circuits (maximum) | 24 |
| Circuits Detail | 24 Signal |
| Color - Resin | Black |
| Durability (mating cycles max) | 250 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | No |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Nickel |
| Material - Plating Termination | Gold, Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 7.922/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 |
| 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



EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
 non-product compliance questions.

Search Parts in this Series

45481Series

| | |
|--|------------------------|
| Duration at Max. Process Temperature (seconds) | 5 |
| Lead-free Process Capability | Wave Capable (TH only) |
| 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-45481-0243 |

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