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**Part Number:** [0468171000](#)  
**Status:** **Active**  
**Overview:** EXTreme Guardian™ System  
**Description:** EXTreme Guardian™ 3 Circuit Power Plug Assembly without Stand-Off, PC Tail  
 3.86mm

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [46817](#)  
 Application Wire-to-Board  
 Overview [EXTreme Guardian™ System](#)  
 Product Name EXTreme Guardian™  
 UPC 883906850722

**Physical**

(p)ower-(s)ignal Configuration 3p - 0s  
 Breakaway No  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 First Mate / Last Break Yes  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Metal Copper Alloy  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 25.989g  
 Number of Rows 1  
 Orientation Right Angle  
 PC Tail Length 3.86mm  
 PCB Locator Yes  
 PCB Thickness - Recommended 2.36mm  
 Packaging Type Tray  
 Pitch - Mating Interface 11.00mm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Temperature Range - Operating -40°C to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 80.0A  
 Voltage - Maximum 600V AC/DC

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 040  
 Lead-freeProcess Capability WAVE  
 Max. Cycles at Max. Process Temperature 003



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/21/2016 (20 June  
 2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

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

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[46817](#) Series

**Mates With**

[46818](#) EXTreme Guardian™ Power Harness  
 Connector

Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SD-46817-100

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