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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](#) [Product Specification PS-46819-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [46817](#)
 3D Viewer Yes
 Application Wire-to-Board
 CURRENT-MAX-NUMERIC 80.0
 Overview [EXTreme Guardian System](#)
 PITCH-MATING-NUMERIC 11.00
 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 Capable 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 25.989/g
 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° 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/71/2019 (16 July
 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46817](#) Series

Mates With

[68790](#) EXTreme Guardian Cable Assembly

Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-46819-001-001
Sales Drawing	SD-46817-100

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