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Part Number: [46817-1002](#)
Status: **Active**
Overview: [EXTreme Guardian™ System](#)
Description: [EXTreme Guardian™ 2 Circuit Power Plug Assembly without Stand-Off, PC Tail](#)
 3.86mm

Documents:

[3D Model](#) [Product Specification PS-46819-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
 TUV R72130381
 UL E29179

General

Product Family PCB Headers
 Series [46817](#)
 Application Wire-to-Board
 Overview [EXTreme Guardian™ System](#)
 Product Name EXTreme Guardian™
 UPC 884982274730

Physical

(p)ower-(s)ignal Configuration 2p - 0s
 Breakaway No
 Circuits (Loaded) 2
 Circuits (maximum) 2
 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 16.746/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°C to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 80A
 Voltage - Maximum 600V AC/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 40



image - Reference only

Series

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Low-Halogen Status
Not Low-Halogen**

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

46817Series

Mates With

46818 EXTreme Guardian™ Power Harness
 Connector

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

Wave Capable (TH only)
3
260

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-46819-001
SD-46817-1002

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