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**Part Number:** [46817-1003](#)  
**Status:** **Active**  
**Overview:** [EXTreme Guardian™ System](#)  
**Description:** EXTreme Guardian™ 2 Circuit Power Plug Assembly without Stand-Off, PC Tail  
 4.69mm

**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	<a href="#">46817</a>
Application	Wire-to-Board
Overview	<a href="#">EXTreme Guardian™ System</a>
Product Name	EXTreme Guardian™
UPC	884982956919

**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	16.826/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	4.69mm
PCB Locator	Yes
PCB Thickness - Recommended	3.18mm, 3.60mm
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
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*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](mailto: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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