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**Part Number:** [0468171002](#)  
**Status:** **Active**  
**Overview:** [EXTreme Guardian System](#)  
**Description:** EXTreme Guardian 2 Circuit Power Plug Assembly without Stand-Off, PC Tail 3.86mm

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-46819-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-46817-002-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
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
Taxonomy	Board-to-Board Connectors
UPC	884982274730

**Physical**

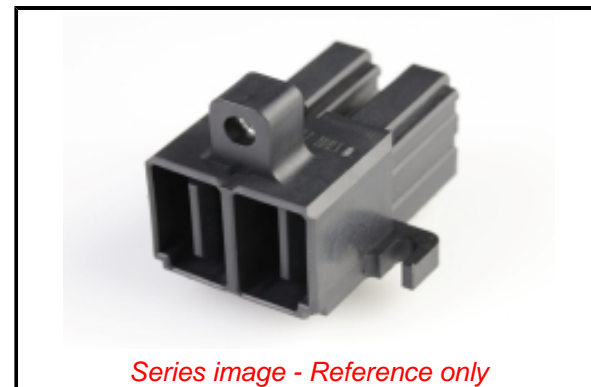
(p)ower-(s)ignal Configuration	2p - 0s
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	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° 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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[46817](#) Series

**Mates With**

[68790](#) EXTreme Guardian Cable Assembly

Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-46817-002-001
Product Specification	PS-46819-001-001
Sales Drawing	SD-46817-1002-001

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