

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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:

Drawing (PDF)	Product Specification PS-46819-001-001 (PDF)
3D Model	Packaging Specification PK-46817-002-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (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	884982274730

Physical

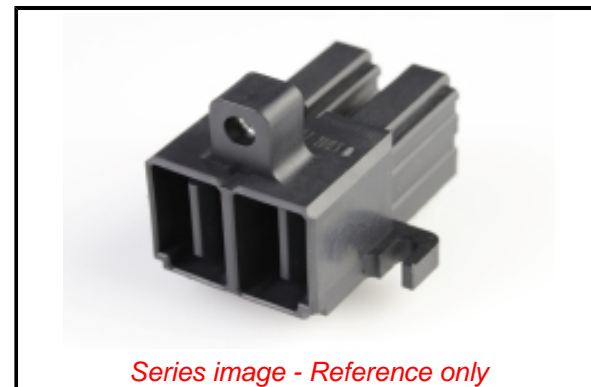
(p)ower-(s)ignal Configuration	2p - 0s
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - 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-free Process 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 -
D(2021)4569-DC (8
July 2021)

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](#)

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

This document was generated on 01/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[46817-1002](#)