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Part Number: [46817-1000](#)
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 \(PDF\)](#)
[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	<u>EXTreme Guardian™ System</u>
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 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	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°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



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	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

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

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