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Part Number: [0468171001](#)
Status: **Active**
Overview: [EXTreme Guardian System](#)
Description: EXTreme Guardian 3 Circuit Power Plug Assembly without Stand-Off, PC Tail 4.69mm

Documents:

3D Model	Packaging Specification PK-46817-001 (PDF)
Drawing (PDF)	Packaging Specification PK-46817-002 (PDF)
Product Specification PS-46819-001-001 (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	883906850739

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 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	26.198/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	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
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	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-46817-001, PK-46817-002

Product Specification

PS-46819-001-001

Sales Drawing

SD-46817-100

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