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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:

| | |
|--|--|
| 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 |
| 3D Viewer | Yes |
| Application | Wire-to-Board |
| CURRENT-MAX-NUMERIC | 80.0 |
| Overview | EXTreme Guardian System |
| PITCH-MATING-NUMERIC | 11.00 |
| 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46817](#) Series

Mates With

[68790](#) EXTreme Guardian Cable Assembly

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 040 |
| Lead-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 003 |
| 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-46817-1002 |

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