

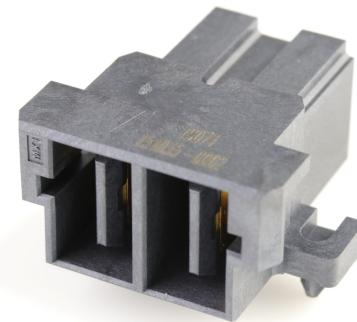
Part Number : 1510350002

Product Description : 11.00mm Pitch EXTreme
Guardian Power Plug, Right-Angle, Gold (Au)
Plating, 3.86mm Tail Length, 2 Circuits, with
Peg

Series Number : 151035

Status : Active

Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings

[1510350002_sd.pdf](#)

[PK-151035-0001-001.pdf](#)

3D Models and Design Files

[1510350002_stp.zip](#)

[SYM-151035-0002-001.zip](#)

Specifications

[PS-151053-0000-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS | |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 151035 |
| Description | 11.00mm Pitch EXTreme Guardian Power Plug, Right-Angle, Gold (Au) Plating, 3.86mm Tail Length, 2 Circuits, with Peg |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | EXTreme Guardian |
| UPC | 889056047685 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 80.0A |
| Voltage - Maximum | 600V AC/DC |

Physical

| | |
|--------------------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |

| | |
|--------------------------------|------------------------|
| 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 | Liquid Crystal Polymer |
| Net Weight | 17.089/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PC Tail Length | 3.86mm |
| PCB Thickness - Recommended | 2.36mm |
| Pitch - Mating Interface | 11.00mm |
| Plating min - Mating | 0.076 μ m |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Solder Process Data

| | |
|------------------------------|----------|
| Max-Duration | 10 |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle | 1 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|-------------------|
| 11.00mm Pitch EXTreme Guardian Power Receptacle Assembly, PBT, 2 Circuits | <u>1510340012</u> |

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