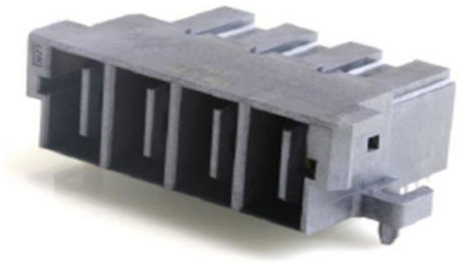
**Part Number :** 1510351023
**Product Description :** 11.00mm Pitch EXTreme Guardian Power Plug, Right-Angle, Gold (Au) Plating, 3.28mm Tail Length, 3 Circuits, with Screw Mount
**Series Number :** 151035
**Status :** Active
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

1510351023_sd.pdf

PK-151035-0001-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

SYM-151035-0003-001.zip

### Specifications

1510350000-AS-000.pdf

PS-151053-0000-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Compliant with Exemption 44; 34; 33 |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## 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, 3.28mm Tail Length, 3 Circuits, with Screw Mount |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | EXTreme Guardian |
| UPC | 889056678087 |

### Agency

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

### Electrical

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

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### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| 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 (LCP) |
| Net Weight | 25.257/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.28mm |
| Pitch - Mating Interface | 11.00mm |
| Plating min - Mating | 0.076µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole - Compliant Pin |

### Solder Process Data

| | |
|---|---|
| Lead-Free Process Capability | N/A |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| 11.00mm Pitch EXTreme | 1510340013 |

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| | |
|---|---|
| Guardian Power Receptacle Assembly, PBT, 3 Circuits | |

## Application Tooling

## Global

| Description | Part Number |
|---|---|
| Extraction Tool for EXTreme Guardian II Right-Angle Plug Assemblies, Compliant Pin, 2-6 Circuit | 2001991520 |



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