

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

Status: Active

Series Number: 151035

**Product Category: PCB Headers and** 

Receptacles

#### **Documents & Resources**

#### **Drawings**

Drawing 1510350002\_sd.pdf

Packaging Design Drawing PK-151035-0001-001.pdf

#### 3D Models and Design Files

3D Model 1510350002\_stp.zip

Symbol Footprint Data SYM-151035-0002-001.zip

#### **Specifications**

Product Specification PS-151053-0000-001.pdf

## **Product Environment Compliance**

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	<b>©</b>
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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 Family	EXTreme Guardian System
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	0.076µm
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, 6 AWG, PBT, 2 Circuits	<u>1510340012</u>

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