



**Part Number :** [1510530003](#)

**Product Description :** 11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold (Au) Plating, 3 Circuits

**Series Number :** 151053

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[1510530003\\_sd.pdf](#)

[PK-151053-0001-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[SYM-151053-0003-001.zip](#)

### Specifications


[1510350000-AS-000.pdf](#)

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
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

## 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	151053
Description	11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold (Au) Plating, 3 Circuits
Application	Wire-to-Board
Component Type	PCB Header
Product Name	EXTreme Guardian
UPC	889056571715

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### 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	18.531/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Thickness - Recommended	2.30mm
PC Tail Length	2.83mm
Pitch - Mating Interface	11.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	No
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
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11.00mm Pitch EXTreme Guardian Power Receptacle Assembly, PBT, 3 Circuits	<u>1510340013</u>
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## Application Tooling

### Global

Description	Part Number
Extraction Tool for EXTreme Guardian Power Vertical Plug PCB Header, Compliant Pin, 2-6 Circuit, 151053 Series	<u>2001991500</u>

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