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**Part Number:** [1510530004](#)  
**Status:** **Active**  
**Overview:** [EXTreme Guardian System](#)  
**Description:** 11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold Plated, 4 Circuits

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-151053-0001-001 \(PDF\)](#)  
[Product Specification PS-151053-0000-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 1510350000-AS-000 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">151053</a>
Application	Power, Wire-to-Board
Overview	<a href="#">EXTreme Guardian System</a>
Product Name	EXTreme Guardian
UPC	889056571722

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
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	23.088/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.83mm
PCB Locator	No
PCB Thickness - Recommended	2.30mm
Packaging Type	Tray
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

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	040
Lead-free Process Capability	N/A
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info**



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[151053 Series](#)

**Mates With**

EXTreme Guardian Power Receptacle Assembly [151034](#) , EXTreme Guardian Overmolded Cable Assemblies [68790](#) , [111119](#)

**Reference - Drawing Numbers**

Application Specification	1510350000-AS-000
Packaging Specification	PK-151053-0001-001
Product Specification	PS-151053-0000-001
Sales Drawing	SD-151053-0001-001
Symbol/Footprint Data	SYM-151053-0004

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