

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1510350022](#)  
**Status:** **Active**  
**Overview:** EXTreme Guardian System  
**Description:** 11.00mm Pitch EXTreme Guardian Power Plug PCB Header, Right-Angle, Gold (Au) Plating, 1.60mm PCB Thickness, 2 Circuits, with Peg

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification 1510350000-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-151035-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Symbol Footprint Data SYM-151035-0002 (PDF)</a>
<a href="#">Product Specification PS-151053-0000-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

**Application tooling part link**

Application Tooling Part Link	200199-1520
-------------------------------	-------------

**General**

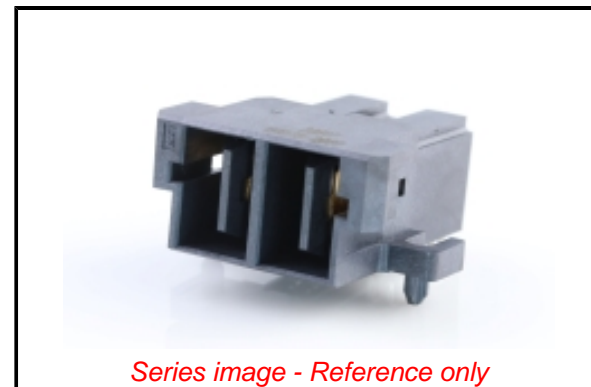
Product Family	PCB Headers
Series	<a href="#">151035</a>
Application	Power, Wire-to-Board
Overview	<a href="#">EXTreme Guardian System</a>
Product Name	EXTreme Guardian
UPC	889056227629

**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	17.132/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.28mm
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	11.00mm
Plating min - Mating	0.076µm
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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[151035 Series](#)

**Mates With**

EXTreme Guardian Receptacle Housing  
[151034](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Extraction Tool for EXTreme Guardian II Right-Angle Plug Assemblies, Compliant Pin, 2-6 Circuit	<a href="#">2001991520</a>
--	----------------------------

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Application Specification	1510350000-AS-000
Packaging Specification	PK-151035-0001-001
Product Specification	PS-151053-0000-001
Sales Drawing	SD-151035-0001-001
Symbol/Footprint Data	SYM-151035-0002

This document was generated on 10/05/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**