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Part Number: [1510530005](#)
Status: **Active**
Overview: [EXTreme Guardian System](#)
Description: 11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold Plated, 5 Circuits

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-151053-0001-001 \(PDF\)](#)
[Product Specification PS-151053-0000-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	PCB Headers
Series	151053
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	80.0
Overview	EXTreme Guardian System
PITCH-MATING-NUMERIC	11.00
Product Name	EXTreme Guardian
UPC	889056571739
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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 over Nickel
Material - Plating Termination	Tin over Nickel
Material - Resin	Liquid Crystal Polymer
Net Weight	27.645/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	
Lead-freeProcess Capability	N/A

Material Info
Reference - Drawing Numbers



Series image - Reference only

EU ELV
Compliant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per -
ED/71/2019 (16 July
2019)
Halogen-Free
Status
Low-Halogen
For more information, please visit [Contact US](#)

China ROHS Green Image
ELV Compliant
RoHS Phthalates Not Contained

Search Parts in this Series
[151053 Series](#)

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

Packaging Specification
Product Specification
Sales Drawing
Symbol/Footprint Data

PK-151053-0001-001
PS-151053-0000-001
SD-151053-0001-001
SYM-151053-0005

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