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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 (Au) Plating, 4 Circuits

Documents:

Drawing (PDF)	Application Specification 1510350000-AS-000 (PDF)
3D Model	Packaging Specification PK-151053-0001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-151053-0004-001 (PDF)
Product Specification PS-151053-0000-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

UL E29179

Application tooling part link

Application Tooling Part Link 200199-1500

General

Product Family	PCB Headers
Series	151053
Application	Power, Wire-to-Board
Component Type	PCB Header
Overview	EXTreme Guardian System
Product Name	EXTreme Guardian
Taxonomy	Board-to-Board Connectors
UPC	889056571722

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	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

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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 Receptacle Housing
1510340014](#)

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**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-151053-0004-001

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