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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	151053
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	80.0
Overview	<u>EXTreme Guardian System</u>
PITCH-MATING-NUMERIC	11.00
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 over Nickel
Material - Plating Termination	Tin over Nickel
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



Series image - Reference only

EU ELV

Compliant

EU 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

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](#)

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

This document was generated on 12/02/2019

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