

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-151053-0001 \(PDF\)](#)

General

Product Family	PCB Headers
Series	151053
Application	Power, Wire-to-Board
Overview	EXTreme Guardian™ System
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 Compliant	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°C 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

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS
ELV

Green Image
Compliant

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

Packaging Specification

Sales Drawing

PK-151053-0001

SD-151053-0001

This document was generated on 07/19/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION