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Part Number: 1510530001
Status: Active
Overview: EXTreme Guardian™ System
Description: 11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold Plated, 2 Circuits



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-151053-0000-001 (PDF)
Packaging Specification PK-151053-0001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	151053
Application	Power, Wire-to-Board
Overview	EXTreme Guardian™ System
Product Name	EXTreme Guardian
UPC	887191678429

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 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	13.974/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

Lead-freeProcess Capability	N/A

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ED/30/2017 (7 July 2017)

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	Green Image
ELV	Not Relevant
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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-151053-0001-001
Product Specification	PS-151053-0000-001

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