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Part Number: [1510350002](#)
Status: **Active**
Overview: EXTreme Guardian™ System
Description: 11.00mm Pitch EXTreme Guardian™ Power Right-Angle Plug PCB Header, 2.36mm PCB Thickness, Gold Plated, 2 Circuits

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Packaging Specification PK-151035-0001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [151035](#)
 Application Power, Wire-to-Board
 Overview [EXTreme Guardian™ System](#)
 Product Name EXTreme Guardian™
 UPC 889056047685

Physical

Breakaway No
 Circuits (Loaded) 2
 Circuits (maximum) 2
 Durability (mating cycles max) 25
 Flammability 94V-0
 Glow-Wire Compliant 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 17.089g
 Number of Rows 1
 Orientation Right Angle
 PC Tail Length 3.86mm
 PCB Thickness - Recommended 2.36mm
 Packaging Type Tray
 Pitch - Mating Interface 11.00mm
 Plating min - Mating 0.076µm
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 80.0A
 Voltage - Maximum 600V AC/DC

Solder Process Data

Duration at Max. Process Temperature (seconds) 010
 Lead-free Process Capability SMC&WAVE
 Max. Cycles at Max. Process Temperature 001
 Process Temperature max. C 260

Material Info

Reference - Drawing Numbers

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/79/2015 (17
 December 2015)

Halogen-Free

Status

Low-Halogen

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 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

Search Parts in this Series

[151035 Series](#)

Mates With

[68790](#) , [111119](#) Overmolded Cable
 Assembly

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