Part Number : 1510530004
Product Description : 11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold (Au) Plating, 4 Circuits
Series Number : 151053
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

1510530004_sd.pdf

PK-151053-0001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

1510350000-AS-000.pdf

PS-151053-0000-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	151053
Description	11.00mm Pitch EXTreme Guardian Power Vertical Plug PCB Header, 2.30mm PCB Thickness, Gold (Au) Plating, 4 Circuits
Application	Wire-to-Board
Component Type	PCB Header
Product Name	EXTreme Guardian
UPC	889056571722

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

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

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Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Gender	Male
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 (LCP)
Net Weight	23.088/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Thickness - Recommended	2.30mm
PC Tail Length	2.83mm
Pitch - Mating Interface	11.00mm
Pitch - Termination 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

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	N/A
Max-Cycle	3
Max-Temp	260

Mates With / Use With

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Mates with Part(s)

Description	Part Number
11.00mm Pitch EXTreme Guardian Power Receptacle Assembly, PBT, 4 Circuits	1510340014

Application Tooling

Global

Description	Part Number
Extration Tool for EXTreme Guardian Power Vertical Plug PCB Header, Compliant Pin, 2-6 Circuit, 151053 Series	2001991500

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