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Part Number:

2141130013

Status:

Active

Overview:

EXTreme Guardian System

Description:

EXTreme Guardian Right-Angle Plug Assembly with Guide Pins, 4 Power Circuits, 30 Signal Circuits, 4 Power Circuits



Series image - Reference only

Documents:

- [3D Model](#)

[Packaging Specification 2141130010-PK-000 \(PDF\)](#)
- [3D Model \(PDF\)](#)

[Datasheet \(PDF\)](#)
- [Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)
- [Product Specification 2141130000-PS-000 \(PDF\)](#)

Agency Certification

UL

E29179

Application tooling part link

Application Tooling Part Link

200199-1800

General

Product Family

PCB Headers

Series

214113

Application

Board-to-Board, Power, Signal

Overview

EXTreme Guardian System

Product Name

EXTreme Guardian

UPC

193264618606

Physical

(p)ower-(s)ignal Configuration

4p - 30s - 4p

Breakaway

No

Circuits (Loaded)

38

Circuits (maximum)

38

Color - Resin

Black

Durability (mating cycles max)

200

First Mate / Last Break

No

Flammability

94V-0

Glow-Wire Capable

No

Guide to Mating Part

Yes

Keying to Mating Part

None

Lock to Mating Part

No

Material - Metal

High Conductivity Copper

Material - Plating Mating

Gold

Material - Plating Termination

Tin

Material - Resin

Liquid Crystal Polymer

Net Weight

42.970/g

Number of Rows

1, 5

Orientation

Right Angle

PC Tail Length

2.53mm, 3.30mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.58mm

Packaging Type

Tray

Pitch - Mating Interface

2.00mm, 5.78mm

Plating min - Mating

0.762µm

Plating min - Termination

2.540µm

Polarized to Mating Part

Yes

Polarized to PCB

Yes

Temperature Range - Operating

-40° to +105°C

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[214113](#) Series

Mates With

EXTreme Guardian Vertical Receptacle
[2141140004](#)
 EXTreme Guardian Right-Angle Receptacle [2141150013](#)

Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	80.0A
Voltage - Maximum	125V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	2141130010-PK-000
Product Specification	2141130000-PS-000
Sales Drawing	2141130013-SD-000

This document was generated on 09/06/2021

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