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Part Number:

2141140002

Status:

Active

Overview:

EXTreme Guardian System

Description:

EXTreme Guardian Vertical Receptacle Assembly with Guide Receivers, 1 Power Circuit, 15 Signal Circuits, 1 Power Circuit

Documents:

3D Model

Product Specification 2141130000-PS-000 (PDF)

3D Model (PDF)

Datasheet (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E29179

General

Product Family

PCB Receptacles

Series

214114

Application

Board-to-Board, Power, Signal

Overview

EXTreme Guardian System

Product Name

EXTreme Guardian

Taxonomy

Board-to-Board Connectors

UPC

193264618682

Physical

(p)ower-(s)ignal Configuration

1p - 15s - 1p

Circuits (Loaded)

17

Circuits (maximum)

17

Color - Resin

Black

Durability (mating cycles max)

200

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

9.482/g

Number of Rows

1, 5

Orientation

Vertical

PC Tail Length

2.42mm, 2.83mm

PCB Locator

No

PCB Retention

Yes

PCB Thickness - Recommended

1.58mm

Packaging Type

Tray

Pitch - Mating Interface

2.00mm

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

Termination Interface: Style

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

80.0A

Voltage - Maximum

125V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

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

214114 Series

Mates With

EXTreme Guardian Right-Angle Plug
2141130011

Material Info

Reference - Drawing Numbers

Product Specification	2141130000-PS-000
Sales Drawing	2141140002-SD-000

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