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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 \(PDF\)](#)

**General**

Product Family PCB Receptacles  
 Series [214114](#)  
 Application Board-to-Board, Power, Signal  
 Overview [EXTreme Guardian System](#)  
 Product Name EXTreme Guardian  
 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  
 Glow-Wire Capable No  
 Guide to Mating Part Yes  
 Keying to Mating Part Yes  
 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 Yes  
 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

**Material Info**

**Reference - Drawing Numbers**

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[214114 Series](#)

**Mates With**

[EXTreme Guardian Right-Angle Plug  
 2141130011](#)

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