

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**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

**Documents:**

[3D Model](#) [Product Specification 2141130000-PS-000 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Application tooling part link**

Application Tooling Part Link 200199-1800

**General**

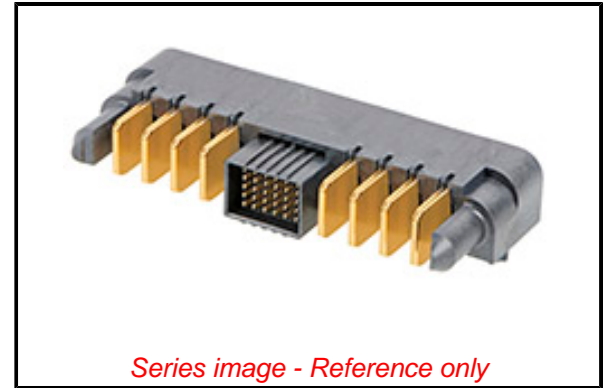
Product Family PCB Headers  
 Series [214113](#)  
 Application Board-to-Board, Power, Signal  
 Overview [EXTreme Guardian System](#)  
 Product Name EXTreme Guardian  
 UPC 193264618606

**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  
 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  
 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**

**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**

[214113 Series](#)

**Mates With**

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

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Extraction Tool for [2001991800](#)  
 EXTreme Guardian  
 Right-Angle Plug  
 and Receptacle  
 Assemblies, 214113  
 and 214115 Series

**Material Info**

**Reference - Drawing Numbers**

Product Specification

2141130000-PS-000

Sales Drawing

2141130013-SD-000

This document was generated on 10/23/2020

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