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**Part Number:** [2141130010](#)  
**Status:** **Active**  
**Overview:** [EXTreme Guardian System](#)  
**Description:** EXTreme Guardian Right-Angle Plug Assembly with Guide Pins, 8 Power Circuits, 30 Signal Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2141130010-PK-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 2141130000-PS-000 (PDF)</a>	

**Agency Certification**

UL E29179

**Application tooling part link**

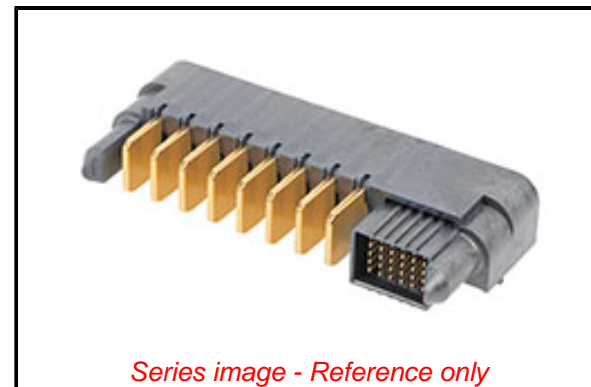
Application Tooling Part Link 200199-1800

**General**

Product Family	PCB Headers
Series	214113
Application	Board-to-Board, Power, Signal
Overview	<a href="#">EXTreme Guardian System</a>
Product Name	EXTreme Guardian
UPC	193264618637

**Physical**

(p)ower-(s)ignal Configuration	8p - 30s
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	42.570/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



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[214113 Series](#)

**Mates With**

EXTreme Guardian Vertical Receptacle  
[2141140001](#) <br> EXTreme Guardian Right-Angle Receptacle [2141150010](#)

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 2141130010-SD-000

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