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**Part Number:** [2141150010](#)  
**Status:** **Active**  
**Overview:** [EXTreme Guardian System](#)  
**Description:** EXTreme Guardian Right-Angle Receptacle Assembly with Guide Receivers, 8 Power Circuits, 30 Signal Circuits

**Documents:**

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

**Application tooling part link**

Application Tooling Part Link 200199-1800

**General**

Product Family	PCB Receptacles
Series	<a href="#">214115</a>
Application	Board-to-Board, Power, Signal
Overview	<a href="#">EXTreme Guardian System</a>
Product Name	EXTreme Guardian
UPC	193264618712

**Physical**

(p)ower-(s)ignal Configuration	8p - 30s
Circuits (Loaded)	38
Circuits (maximum)	38
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	42.218/g
Number of Rows	1, 5
Orientation	Right Angle
PC Tail Length	2.50mm, 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

**Material Info**



*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**

[214115 Series](#)

**Mates With**

EXTreme Guardian Right-Angle Plug  
[2141130010](#)

**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 EXTreme Guardian Right-Angle Plug and Receptacle Assemblies, 214113 and 214115 Series	<a href="#">2001991800</a>
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**Reference - Drawing Numbers**

Product Specification

Sales Drawing

2141130000-PS-000

2141150010-SD-000

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