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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:

3D Model	Packaging Specification 2141130010-PK-000 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2141130000-PS-000 (PDF)	

Agency Certification

UL E29179

Application tooling part link

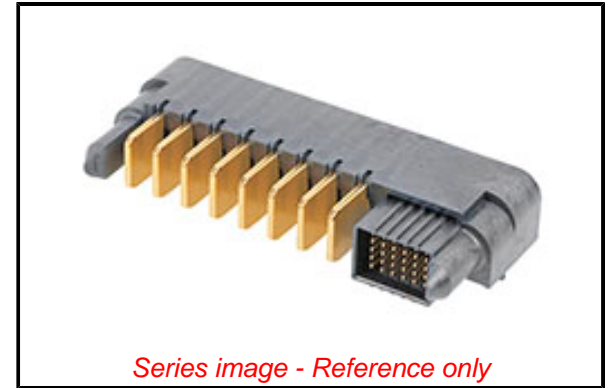
Application Tooling Part Link 200199-1800

General

Product Family	PCB Headers
Series	214113
Application	Board-to-Board, Power, Signal
Overview	EXTreme Guardian System
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(2020)9139-DC (19
Jan 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](#)
 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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