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Part Number: [2141140001](#)
Status: **Active**
Overview: [EXTreme Guardian System](#)
Description: EXTreme Guardian Vertical Receptacle Assembly with Guide Receivers, 30 Signal Circuits, 8 Power Circuits

Documents:

3D Model	Packaging Specification 2141140001-PK-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2141130000-PS-000 (PDF)	

Agency Certification

UL E29179

General

Product Family	PCB Receptacles
Series	214114
Application	Board-to-Board, Power, Signal
Overview	EXTreme Guardian System
Product Name	EXTreme Guardian
UPC	193264618675

Physical

(p)ower-(s)ignal Configuration	8p - 30s
Circuits (Loaded)	38
Circuits (maximum)	38
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
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	24.676/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, 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

[214114 Series](#)

Mates With

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

Material Info

Reference - Drawing Numbers

Packaging Specification	2141140001-PK-000
Product Specification	2141130000-PS-000
Sales Drawing	2141140001-SD-000

This document was generated on 03/10/2021

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