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Part Number:

2141130010

Status:

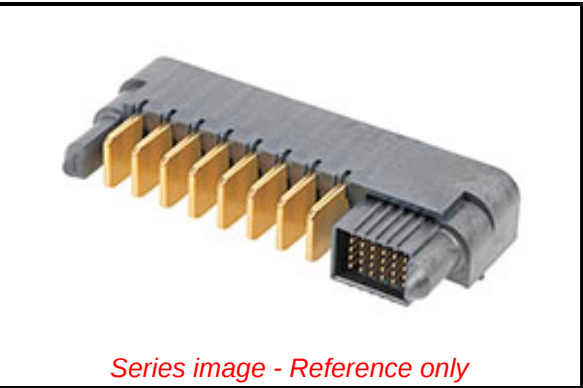
Active

Overview:

[EXTreme Guardian System](#)

Description:

EXTreme Guardian Right-Angle Plug Assembly with Guide Pins, 8 Power Circuits, 30 Signal Circuits



Documents:

[3D Model](#)

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification 2141130000-PS-000 \(PDF\)](#)

[Packaging Specification 2141130010-PK-000 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

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

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	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

This document was generated on 01/03/2022

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