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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](#) [Product Specification 2141130000-PS-000 \(PDF\)](#)
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Application tooling part link

Application Tooling Part Link 200199-1800

General

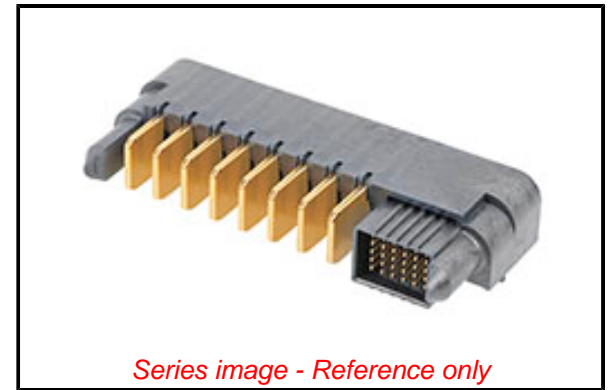
Product Family PCB Headers
 Series [214113](#)
 Application Board-to-Board, Power, Signal
 Overview [EXTreme Guardian System](#)
 Product Name EXTreme Guardian
 UPC 193264618637

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
 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
 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

[214113 Series](#)

Mates With

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

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 [2001991800](#)
 EXTreme Guardian
 Right-Angle Plug
 and Receptacle
 Assemblies, 214113
 and 214115 Series

Material Info

Reference - Drawing Numbers

Product Specification

2141130000-PS-000

Sales Drawing

2141130010-SD-000

This document was generated on 11/03/2020

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