

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

2141130011

Status:

Active

Overview:

EXTreme Guardian System

Description:

EXTreme Guardian Right-Angle Plug Assembly with Guide Pins, 1 Power Circuit, 15 Signal Circuits, 1 Power Circuit

Documents:

3D Model

3D Model (PDF)

Drawing (PDF)

Product Specification 2141130000-PS-000 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
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
Component Type	PCB Header
Overview	EXTreme Guardian System
Product Name	EXTreme Guardian
Taxonomy	Board-to-Board Connectors
UPC	193264618644

Physical

(p)ower-(s)ignal Configuration	1p - 15s - 1p
Breakaway	No
Circuits (Loaded)	17
Circuits (maximum)	17
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	14.599/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
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

214113 Series

Mates With

EXTreme Guardian Vertical Receptacle
2141140002
 EXTreme Guardian Right-
Angle Receptacle 2141150011

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	
Reference - Drawing Numbers	
Product Specification	2141130000-PS-000
Sales Drawing	2141130011-SD-000

This document was generated on 01/06/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION