

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2141150010**
Status: **Active**
Overview: EXTreme Guardian System
Description: EXTreme Guardian Right-Angle Receptacle Assembly with Guide Receivers, 8 Power Circuits, 30 Signal Circuits

Documents:

3D Model	Packaging Specification 2141150010-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

Application tooling part link

Application Tooling Part Link 200199-1800

General

Product Family	PCB Receptacles
Series	214115
Application	Board-to-Board, Power, Signal
Overview	<u>EXTreme Guardian System</u>
Product Name	EXTreme Guardian
UPC	193264618712

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	42.218/g
Number of Rows	1, 5
Orientation	Right Angle
PC Tail Length	2.50mm, 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



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

Green Image

Not Relevant

Not Contained

Search Parts in this Series

214115 Series

Mates With

EXTreme Guardian Right-Angle Plug
2141130010

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 EXTreme Guardian Right-Angle Plug and Receptacle Assemblies, 214113 and 214115 Series	2001991800
--	----------------------------

Current - Maximum per Contact	80.0A
Voltage - Maximum	125V

Material Info

Reference - Drawing Numbers

Packaging Specification	2141150010-PK-000
Product Specification	2141130000-PS-000
Sales Drawing	2141150010-SD-000

This document was generated on 03/22/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION