

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Agency Certification	
UL	E29179
General	
Product Family	PCB Receptacles
Series	214114
Application	Board-to-Board, Power, Signal
Component Type	PCB Receptacle
Overview	EXTreme Guardian System
Product Name	EXTreme Guardian
Taxonomy	Board-to-Board Connectors
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	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	24.676/g
Number of Rows	1, 5
Orientation	Vertical
PC Tail Length	2.42mm, 2.83mm
PCB Locator	No
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

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

Search Parts in this Series

214114 Series

Mates With

EXTreme Guardian Right-Angle Plug

2141130010

Voltage - Maximum	125V
Material Info	
Reference - Drawing Numbers	
Product Specification	2141130000-PS-000
Sales Drawing	2141140001-SD-000

This document was generated on 01/25/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION