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Part Number:

2141140002

Status:

Active

Overview:

Description:

EXTreme Guardian Vertical Receptacle Assembly with Guide Receivers, 1 Power Circuit, 15 Signal Circuits, 1 Power Circuit

Agency Certification	
UL	E29179
General	
Product Family	PCB Receptacles
Series	214114
Application	Board-to-Board, Power, Signal
Overview	extreme_power_interconnect_epic_products
Product Name	EXTreme Guardian
UPC	193264618682
Physical	
(p)ower-(s)ignal Configuration	1p - 15s - 1p
Circuits (Loaded)	17
Circuits (maximum)	17
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	9.482/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
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
Material Info	
Reference - Drawing Numbers	
Packaging Specification	2141140001-PK-000
Product Specification	2141130000-PS-000
Sales Drawing	2141140002-SD-000

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

214114 Series

Mates With

EXTreme Guardian Right-Angle Plug

2141130011

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