



Part Number : 2195620037

Series Number : 219562

Product Category : Board-to-Board  
Connectors

Product Description : EXTreme Guardian HD  
Right-Angle Plug Assembly without Guide  
Pins, 7 Power Circuits

Status : Active

Documents & Resources

Drawings

Drawing 2195620037\_sd.pdf

3D Models and Design Files


3D Model 2195620037\_stp.zip

Specifications

Product Specification 2141130000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Part Details

### General

Status	Active
Category	Board-to-Board Connectors
Series	219562
Description	EXTreme Guardian HD Right-Angle Plug Assembly without Guide Pins, 7 Power Circuits
Application	Board-to-Board, Power
Component Type	PCB Header
Product Family	EXTreme Guardian System
Product Name	EXTreme Guardian HD
UPC	196823042683

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	130.0A
Voltage - Maximum	125V

### Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None

Lock to Mating Part	No
Mated Height	12.74mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	30.230/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	5.78mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	7p - 0s
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole - Compliant Pin

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
EXTreme Guardian HD Vertical Receptacle Assembly without Guide Receivers, 7 Power Circuits	<u>2195630037</u>
EXTreme Guardian HD Right-Angle Receptacle Assembly without Guide Receivers, 7 Power Circuits	<u>2195640037</u>