



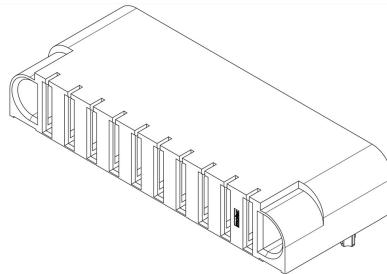
**Part Number :** 2195640008

**Product Description :** EXTreme Guardian HD Right-Angle Receptacle Assembly with Guide Receivers, 8 Power Circuits

**Series Number :** 219564

**Status :** Active

**Product Category :** Board-to-Board Connectors



## Documents & Resources

### Drawings

[2195640008\\_sd.pdf](#)

### 3D Models and Design Files

[2195640008\\_stp.zip](#)

### Specifications

[2141130000-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Board-to-Board Connectors
Series	219564
Description	EXTreme Guardian HD Right-Angle Receptacle Assembly with Guide Receivers, 8 Power Circuits
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Product Name	EXTreme Guardian HD
UPC	196823037498

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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
Mated Height	12.74mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	36.142/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	5.78mm
Plating min - Mating	0.762 $\mu$ m
Plating min - Termination	2.540 $\mu$ m
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	8p - 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 Right-Angle Plug Assembly with Guide Pins, 8 Power Circuits	<u>2195620008</u>

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