Part Number : 2195640034

Product Description : EXTreme Guardian HD Right-Angle Receptacle Assembly without Guide Receivers, 4 Power Circuits

Series Number : 219564

Status : Active

Product Category : Board-to-Board Connectors

## Documents & Resources

### Drawings

Drawing_2195640034_sd.pdf

### 3D Models and Design Files

3D Model_2195640034_stp.zip

### Specifications

Product Specification_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 |
| 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)

EU RoHS Certificate of Compliance

## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Board-to-Board Connectors |
| Series | 219564 |
| Description | EXTreme Guardian HD Right-Angle Receptacle Assembly without Guide Receivers, 4 Power Circuits |
| Application | Board-to-Board, Power |
| Component Type | PCB Receptacle |
| Product Family | EXTreme Guardian System |
| Product Name | EXTreme Guardian HD |
| UPC | 196823037566 |

### Agency

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### Electrical

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

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| 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 | 17.199/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 | 4p - 0s |
| Temperature Range - Operating | -40° to +125°C |
| Termination Interface Style | Through Hole - Compliant Pin |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| EXTreme Guardian HD Right-Angle Plug Assembly without Guide Pins, 4 Power Circuits | 2195620034 |