



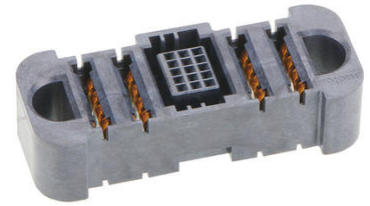
**Part Number :** [2195630025](#)

**Product Description :** EXTreme Guardian HD  
Vertical Receptacle Assembly with Guide Receivers, 5  
Power Circuits, 15 Signal Circuits, 5 Power Circuits

**Series Number :** 219563

**Status :** Active

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



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## Documents and Resources

### Drawings

[2195630025\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)


### Specifications

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS

- REACH SVHC
- Low-Halogen

#### Industry Documents

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

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Board-to-Board Connectors
Series	219563
Description	EXTreme Guardian HD Vertical Receptacle Assembly with Guide Receivers, 5 Power Circuits, 15 Signal Circuits, 5 Power Circuits
Application	Board-to-Board, Power, Signal
Component Type	Receptacle
Product Name	EXTreme Guardian HD
UPC	196823044373

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical

Breakaway	No
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Circuits (Loaded)	25
Circuits (maximum)	25
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	No
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 (LCP)
Net Weight	27.785/g
Number of Rows	1, 5
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.42mm, 2.83mm
Pitch - Mating Interface	5.78mm, 2.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	5p - 15s - 5p
Temperature Range - Operating	-40° to +125°C, -40° to +105°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, 5 Power Circuits, 15 Signal Circuits, 5 Power Circuits	<u>2195620025</u>

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