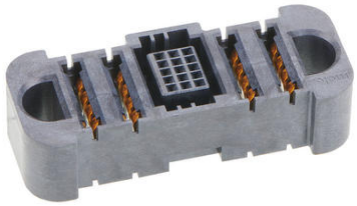
Part Number : 2195630023
Product Description : EXTreme Guardian HD Vertical Receptacle Assembly with Guide Receivers, 3 Power Circuits, 15 Signal Circuits, 3 Power Circuits
Series Number : 219563
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

2195630023_sd.pdf

2141140001-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

2141130000-PS-000.pdf

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

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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, 3 Power Circuits, 15 Signal Circuits, 3 Power Circuits
Application	Board-to-Board
Component Type	Receptacle
Product Name	EXTreme Guardian HD
UPC	196823044359

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	21
Circuits (maximum)	21

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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	18.867/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	3p - 15s - 3p
Temperature Range - Operating	-40° to +125°C, -40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme Guardian HD Right-	2195620023

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Angle Plug Assembly with Guide Pins, 3 Power Circuits, 15 Signal Circuits, 3 Power Circuits	

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