



Part Number : [2238863011](#)

Product Description : Multi-Trak Connector, 16x, 148 Circuits, 2.20mm Shell Leg Length, PCIe Gen 5, with Pick and Place Dust Cap

Series Number : 223886

Status : Active

Product Category : High-Speed I/O Connectors

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## Documents & Resources

### Drawings

[Drawing 2238863011\\_sd.pdf](#)


### 3D Models and Design Files

[3D Model 2238863011\\_stp.zip](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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	High-Speed I/O Connectors
Series	223886
Description	Multi-Trak Connector, 16x, 148 Circuits, 2.20mm Shell Leg Length, PCIe Gen 5, with Pick and Place Dust Cap
Application	Wire-to-Board
Component Type	Receptacle
Product Family	Multi-Trak Connectors
Product Name	Multi-Trak
Type	Internal
UPC	198282523628

### Electrical

Current - Maximum per Contact	10.5A, 0.5A
Data Rate	64 Gbps (PAM-4)
Voltage - Maximum	30V DC

### Physical

Circuits (Loaded)	148
Circuits (maximum)	148
Color - Resin	Black
Durability (mating cycles max)	200
Gender	Receptacle
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Pairs	74
Number of Rows	2
Orientation	Vertical

Packaging Type	Embossed Tape on Reel
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.60mm
Pitch - Termination Interface	0.60mm
Plating min - Mating	0.762μm
Plating min - Termination	0.025μm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

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This document was generated on Jul 23, 2024