



Part Number : [2216330250](#)

Product Description : MicroBeam Right-Angle-to-MicroBeam Right-Angle Cable Assembly, Flip Latch, 16 Differential Pair, 31 AWG, 250.00mm Length

Series Number : 221633

Status : Active

Product Category : High-Speed I/O Cable Assemblies



Documents and Resources

Drawings

[2216330250 sd.pdf](#)

Specifications

[2190300002-AS.pdf](#)

[2190300001-PS.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Reviewed per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
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	High-Speed I/O Cable Assemblies
Series	221633
Description	MicroBeam Right-Angle-to-MicroBeam Right-Angle Cable Assembly, Flip Latch, 16 Differential Pair, 31 AWG, 250.00mm Length
Assembly Configuration	Dual Ended Connectors
Connector to Connector	MicroBeam-to-MicroBeam
Product Name	MicroBeam
Type	Internal
UPC	196823280528

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	0.75A
Data Rate	112 Gbps (PAM-4)
Voltage - Maximum	29.9V AC RMS

Physical

Cable Bundling	None
Cable Length	250.00mm

Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Plug/Plug
Lock to Mating Part	Yes
Material - Metal	High Performance Copper Alloy
Material - Plating Mating	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	20.600/g
Number of Pairs	16
Number of Rows	4
Orientation	Right-Angle-to-Right-Angle
Packaging Type	Bag
Release Style	Flip Latch
Single Ended	No
Wire/Cable Type	Twinax
Wire Size (AWG)	31

Mates With / Use With

Mates with Part(s)

Description	Part Number
MicroBeam Low-Profile Connector, 16 Differential Pair, Surface Mount, 6.70mm Height, with Metal Cage and Cover	<u>2190302216</u>