



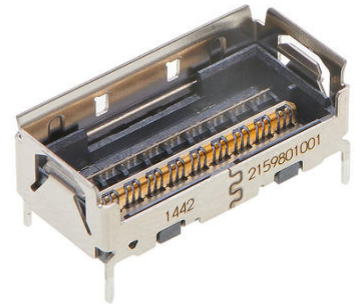
Part Number : [2159801001](#)

Product Description : NearStack HD Connector, 56 Circuits, 18 Differential Pair, 3.20mm Shell Leg Length, with Pick and Place Dust Cap

Series Number : 215980

Status : Active

Product Category : High-Speed I/O Connectors



Documents and Resources

Drawings

[2159801001_sd.pdf](#)

[2159800001-PK-000.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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


Specifications

[2159800001-AS-000.pdf](#)

[2159800001-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
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	High-Speed I/O Connectors
Series	215980
Description	NearStack HD Connector, 56 Circuits, 18 Differential Pair, 3.20mm Shell Leg Length, with Pick and Place Dust Cap
Application	Wire-to-Board
Component Type	Plug
Product Name	NearStack HD
Type	Internal
UPC	195842813540

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	0.65A
Data Rate	64 Gbps (PAM-4)
Voltage - Maximum	29.9V

Physical

Circuits (Loaded)	56
Circuits (maximum)	56
Color - Resin	Black
Durability (mating cycles max)	100
Flammability	94V-0
Gender	Plug
Lock to Mating Part	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	2.100/g
Number of Pairs	18
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
NearStack HD Right-Angle-to-NearStack HD Right-Angle Cable Assemblies	<u>216000</u>
NearStack HD Angle-Exit-to-	<u>221028</u>

NearStack HD Angle-Exit Cable Assemblies	
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