Part Number : 2245390003
Product Description : MXMag Gigabit Ethernet 8 Core Non-PoE 2x1 RJ45 Connector, 28.40mm Depth, 3.20mm Phy Pin Length, Right-Angle, with Shield Tabs, with Green-Yellow LEDs, Industrial Temperature, Tray
Series Number : 224539
Status : Active
Product Category : Modular Jacks and Plugs



Documents and Resources

Drawings

2245390003_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains Methylhexahydrophthalic anhydride per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant with Exemption 7(c)-I per EU 2015/863

Compliance Statements

- EU RoHS

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- 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	Modular Jacks and Plugs
Series	224539
Description	MXMag Gigabit Ethernet 8 Core Non-PoE 2x1 RJ45 Connector, 28.40mm Depth, 3.20mm Phy Pin Length, Right-Angle, with Shield Tabs, with Green-Yellow LEDs, Industrial Temperature, Tray
Component Type	PCB Jack
Keyword	MagJack, Mag Jack, Magnetic Jack, MagJacks, Mag Jacks, Magnetic Jacks, Mag-Jack, Mag-Jacks
Magnetic	Yes
Performance Category	1000Mb
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack,MXMag,RJ45
UPC	196823639814

Electrical

Current - Maximum per Contact	0.1A
Grounding to Panel	Yes
Grounding to PCB	Yes

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Shielded	Yes
Voltage - Maximum	125V

Physical

Color - Resin	Black
Depth	28.40mm
Durability (mating cycles max)	750
Inverted / Top Latch	Yes (Top) | No (Bottom)
Jack Height	25.79mm
Keying to Mating Part	No
Lightpipes/LEDs	LEDs
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	14.200/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
Panel Mount	Spring Tabs
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	2.00mm-2.80mm
Plating min - Mating	0.762µm
Port Configuration	2x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole
Wire/Cable Type	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	IEC-60603-7-1 / TIA-1096-A

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