

Part Number : 857931014

Product Description : MXMag Gigabit Ethernet 8 Core Non-PoE Single-Port RJ45 Connector, 33.02mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Yellow/Green LEDs, Standard Temperature, Tray

Series Number : 85793

Status : Active

Product Category : Modular Jacks and Plugs



Documents & Resources

Drawings

[857931014 sd.pdf](#)

[PK-85759-001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

[PS-85793-001-001.pdf](#)

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 1,3,5- Tris(oxiranylmethyl)-1,3,5- triazine-2,4,6(1H,3H,5H)-trione; 2- Methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one per

	D(2021)4569-DC (8 July 2021)
EU RoHS	Compliant with Exemption 7(c)-I 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	Modular Jacks and Plugs
Series	85793
Description	MXMag Gigabit Ethernet 8 Core Non-PoE Single-Port RJ45 Connector, 33.02mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Yellow/Green LEDs, Standard Temperature, Tray
Component Type	PCB Jack
Keyword	MagJack, Mag Jack, Magnetic Jack, MagJacks, Mag Jacks, Magnetic Jacks, Mag-Jack
Magnetic	Yes
Performance Category	1000Mb
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack, MXMag, RJ45

UPC	884982465107
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Agency

UL	E177474
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Electrical

Current - Maximum per Contact	1.0A
Grounding to Panel	Yes
Grounding to PCB	Yes
Shielded	Yes
Voltage - Maximum	150V (RMS)

Physical

Color - Resin	Black
Depth	33.02mm
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	13.87mm
Keying to Mating Part	None
Lightpipes/LEDs	LEDs
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	PBT
Net Weight	9.000/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
Panel Mount	Spring Tabs
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Plating min - Mating	0.760µm
Plating min - Termination	1.270µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8

Temperature Range - Operating	0° to +70°C
Termination Interface Style	Through Hole
Wire/Cable Type	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	Mating Interface According to IEC 60603-7

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