Part Number : 857931001

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 Green/Green LEDs, Standard Temperature, Tray

Series Number : 85793

Status : Active

Product Category : Modular Jacks and Plugs

Documents & Resources

Drawings

Drawing_857931001_sd.pdf

Packaging Design Drawing_PK-85759-001-001.pdf

3D Models and Design Files

3D Model_857931001_stp.zip

Specifications

Product Specification_PS-85793-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Contains 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one; Lead monoxide per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant with Exemption 7(c)-I 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

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 Green/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 Family	Magnetic Jacks
Product Name	Magnetic Jack,MXMag,RJ45
UPC	884982282087

Agency

UL	E177474

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	10.484/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	0.381µm
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	Plugs according to IEC 60603-7

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Global Electronic Components Distributor

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molex:

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