Part Number : 857931003
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-Orange/Green LEDs, Standard Temperature, Tray
Series Number : 85793
Status : Active
Product Category : Modular Jacks and Plugs



Documents & Resources

Drawings

857931003_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	Compliant with Exemption 53; 44; 34; 33
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 2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one; Lead monoxide per D(2024)6225-DC (07

	Nov 2024)
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 Green-Orange/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	884982282094

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	9.200/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