



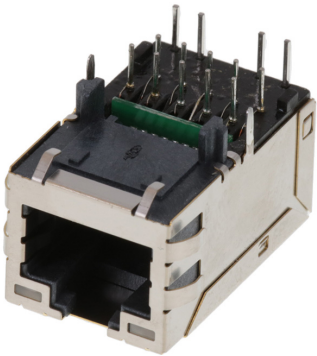
Part Number : [936283721](#)

Product Description : MXMag Gigabit Ethernet 8 Core Non-PoE Single-Port RJ45 Connector, 25.40mm Depth, 3.30mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Green-Green LEDs, Standard Temperature, with 2kV Shield Connection, Tray

Series Number : 93628

Status : Active

Product Category : Modular Jacks and Plugs



## Documents & Resources

### Drawings

[Drawing 936283721\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 936283721\\_stp.zip](#)


### Specifications

[Packaging Specification 934620001-K.pdf](#)

[Product Specification 934620001-N.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 Lead monoxide per D(2023)3788-DC (14 Jun 2023)                               |
| 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

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### Part Details

#### General

|                           |  |
|---------------------------|--|
| Status                    | Active   |
| Category                  | Modular Jacks and Plugs  |
| Series                    | 93628  |
| Description               | MXMag Gigabit Ethernet 8 Core Non-PoE Single-Port RJ45 Connector, 25.40mm Depth, 3.30mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Green-Green LEDs, Standard Temperature, with 2kV Shield Connection, 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                       | 889056683524   |

#### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Grounding to Panel            | Yes  |
| Grounding to PCB              | Yes  |
| Shielded                      | Yes  |
| Voltage - Maximum             | 125V |

## Physical

|                                |                              |
|--------------------------------|------------------------------|
| Color - Resin                  | Black                        |
| Depth                          | 25.40mm                      |
| Durability (mating cycles max) | 2500                         |
| Inverted / Top Latch           | Yes                          |
| Jack Height                    | 14.10mm                      |
| Keying to Mating Part          | None                         |
| Lightpipes/LEDs                | LEDs                         |
| Material - Metal               | Phosphor Bronze              |
| Material - Plating Mating      | Gold over Palladium Nickel   |
| Material - Plating Termination | Tin                          |
| Material - Resin               | Liquid Crystal Polymer       |
| Net Weight                     | 7.693/g                      |
| Orientation                    | Right Angle (Side Entry)     |
| Packaging Type                 | Tray                         |
| Panel Mount                    | Spring Tabs                  |
| PCB Locator                    | Yes                          |
| PCB Retention                  | None                         |
| PCB Thickness - Recommended    | 1.57mm                       |
| Plating min - Mating           | 0.051µm (Au), 1.016µm (PdNi) |
| 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                          |

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## Mates With / Use With

### Mates with Part(s)

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