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Part Number: [0857891014](#)

Status: **Active**

Overview: [Magnetic Jacks](#)

Description: MXMag Gigabit Ethernet 8 Core PoE+ 30W 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

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification PS-85789-001-001 (PDF) |
| 3D Model (PDF) | Packaging Specification PK-85759-001-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E177474

General

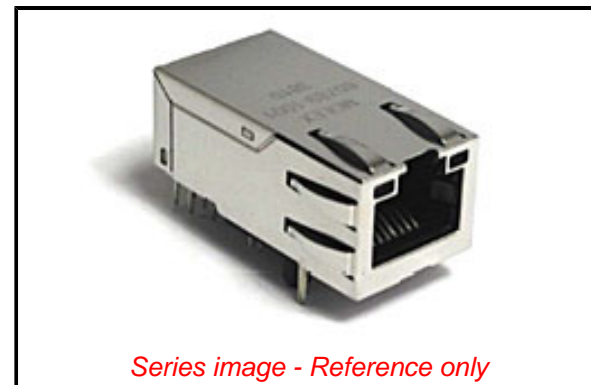
| | |
|---------------------------|--------------------------------|
| Product Family | Modular Jacks/Plugs |
| Series | 85789 |
| Component Type | PCB Jack |
| Depth | 33.02mm |
| Magnetic | Yes |
| Overview | Magnetic Jacks |
| Performance Category | 1000Mb |
| Power over Ethernet (PoE) | PoE+ |
| Product Name | Magnetic Jack, MXMag, RJ45 |
| UPC | 887191583372 |

Physical

| | |
|--------------------------------|--------------------------|
| Color - Resin | Black |
| 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 | 9.520/g |
| Orientation | Right Angle (Side Entry) |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tray |
| Panel Mount | Spring Tabs |
| Plating min - Mating | 0.760µm |
| Plating min - Termination | 1.270µm |
| Port Configuration | 1x1 |
| Positions / Loaded Contacts | 8/8 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | 0° to +70°C |
| Termination Interface: Style | Through Hole |
| Wire/Cable Type | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Grounding to PCB | Yes |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 7(c)-I

REACH SVHC

Not Contained Per - D(2020)4578-DC (25 June 2020)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[85789 Series](#)

Mates With

Mating Interface According to IEC 60603-7

| | |
|--------------------|-----|
| Grounding to Panel | Yes |
| Shielded | Yes |
| Voltage - Maximum | 57V |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|---------------------------------|
| Packaging Specification | PK-85759-001-001 |
| Product Specification | PS-85789-001-001 |
| Sales Drawing | 857891001-000, SD-85789-401-001 |

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