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**Part Number:** [0857891006](#)

**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 Green/Yellow LEDs, Standard Temperature, Tray

**Documents:**

[Drawing \(PDF\)](#)

[3D Model](#)

[3D Model \(PDF\)](#)

[Product Specification PS-85789-001-001 \(PDF\)](#)

[Packaging Specification PK-85759-001-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[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 884982228078

**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 0.381µm  
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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 7(c)-I**

**REACH SVHC**

Contained Per - D(2021)4569-DC (8 July 2021)  
2-Methyl-1-(4-methylthiophenyl)-2-morpholinoprop

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

50 Image

Not Relevant

Not Contained

**Search Parts in this Series**

[85789 Series](#)

**Mates With**

Plugs according to IEC 60603-7

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	003
Lead-free Process Capability	N/A
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-85759-001-001
Product Specification	PS-85789-001-001
Sales Drawing	857891001-000

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