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**Part Number:** [0857891003](#)  
**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-Orange/Green LEDs, Standard Temperature, Tray

**Documents:**

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

**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 884982228061

**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 9.422/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  
 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 - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[85789 Series](#)

**Mates With**

Plugs 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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