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Part Number:

0857914020

Status:

Active

Overview:

Magnetic Jacks

Description:

MXMag PD Integrated Gigabit Ethernet 8 Core PoE+ 30W Class 4 Single-Port RJ45 Connector, 39.00mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, Non-LED, Standard Temperature, Tray



Series image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-85791-001-001 \(PDF\)](#)
- [Packaging Specification PK-85759-001-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

|                           |                            |
|---------------------------|----------------------------|
| Product Family            | Modular Jacks/Plugs        |
| Series                    | 85791                      |
| Component Type            | PCB Jack                   |
| Depth                     | 39.00mm                    |
| Magnetic                  | Yes                        |
| Overview                  | Magnetic Jacks             |
| Performance Category      | 1000Mb                     |
| Power over Ethernet (PoE) | PoE+                       |
| Product Name              | Magnetic Jack, MXMag, RJ45 |
| UPC                       | 887191157368               |

Physical

|                                |                          |
|--------------------------------|--------------------------|
| Color - Resin                  | Black                    |
| Durability (mating cycles max) | 750                      |
| Inverted / Top Latch           | Yes                      |
| Jack Height                    | 13.87mm                  |
| Keying to Mating Part          | None                     |
| Lightpipes/LEDs                | None                     |
| Material - Metal               | Copper Alloy             |
| Material - Plating Mating      | Gold                     |
| Material - Plating Termination | Tin                      |
| Material - Resin               | PBT                      |
| Net Weight                     | 11.097/g                 |
| Orientation                    | Right Angle (Side Entry) |
| PCB Locator                    | Yes                      |
| PCB Retention                  | Yes                      |
| PCB Thickness - Recommended    | 1.60mm                   |
| Packaging Type                 | Tray                     |
| Panel Mount                    | Yes                      |
| Plating min - Mating           | 0.762µm                  |
| Port Configuration             | 1x1                      |
| Positions / Loaded Contacts    | 8/8                      |
| Surface Mount Compatible (SMC) | No                       |
| Temperature Range - Operating  | 0° to +55°C              |
| Termination Interface: Style   | Through Hole             |
| Wire/Cable Type                | N/A                      |

Electrical

|                               |        |
|-------------------------------|--------|
| Current - Maximum per Contact | 1.0A   |
| Grounding to PCB              | Yes    |
| Grounding to Panel            | Yes    |
| Shielded                      | Yes    |
| Voltage - Maximum             | 60V AC |

EU ELV

Not Relevant

EU RoHS

Compliant with  
Exemption 7(a),7(c)-I

China RoHS

REACH SVHC

Contained Per -  
ED/88/2018 (15  
January 2019)  
Lead

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

85791 Series

Mates With

Plugs according to IEC 60603-7

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-85759-001-001 |
| Product Specification   | PS-85791-001-001 |
| Sales Drawing           | 857910020-000    |

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