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**Part Number:** [0857912020](#)  
**Status:** **Active**  
**Overview:** [Magnetic Jacks](#)  
**Description:** MXMag PD Integrated Gigabit Ethernet 8 Core PoE+ 30W Class 2 Single-Port RJ45 Connector, 39.00mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, Non-LED, Standard Temperature, Tray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-85759-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-85791-001-001 (PDF)</a>	

**General**

Product Family	Modular Jacks/Plugs
Series	<a href="#">85791</a>
Component Type	PCB Jack
Depth	39.00mm
Magnetic	Yes
Overview	<a href="#">Magnetic Jacks</a>
Performance Category	1000Mb
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack, MXMag, RJ45
UPC	887191157344

**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	Spring Tabs
Plating min - Mating	0.762µm
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
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	60V AC



*Series image - Reference only*

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[85791 Series](#)

**Mates With**

Plugs according to IEC 60603-7

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-85759-001-001  
PS-85791-001-001  
857910020-000

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