

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0857931012](#)  
**Status:** **Active**  
**Overview:** [Magnetic Jacks](#)  
**Description:** MXMag Gigabit Ethernet 8 Core Non-PoE Single-Port RJ45 Connector, 33.02mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Yellow-Green/Green LEDs, Standard Temperature, Tray

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-85759-001-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-85793-001-001 (PDF)</a>	

**Agency Certification**

UL E177474

**General**

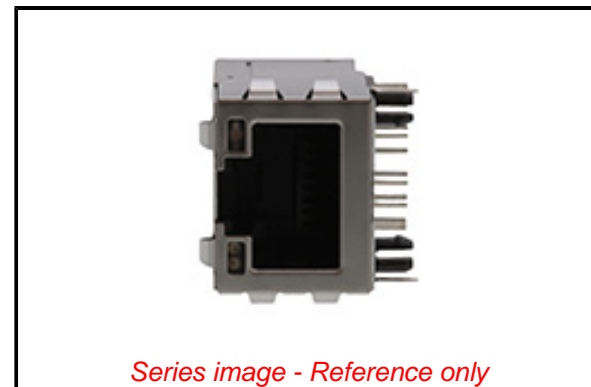
Product Family	Modular Jacks/Plugs
Series	<a href="#">85793</a>
Component Type	PCB Jack
Depth	33.02mm
Magnetic	Yes
Overview	<a href="#">Magnetic Jacks</a>
Performance Category	1000Mb
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack, MXMag, RJ45
UPC	884982465084

**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	8.900/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	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[85793 Series](#)

**Mates With**

Plugs according to IEC 60603-7

Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	150V (RMS)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-85759-001-001
Product Specification	PS-85793-001-001
Sales Drawing	857931001-000

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