

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

**Part Number:** [0857931006](#)  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** Gigabit Magnetic Jack, 1x1 LEDs: Yellow - Green

**Documents:**

[3D Model](#) [Packaging Specification PK-85759-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-85793-001-001 \(PDF\)](#)

**Agency Certification**

UL E177474

**General**

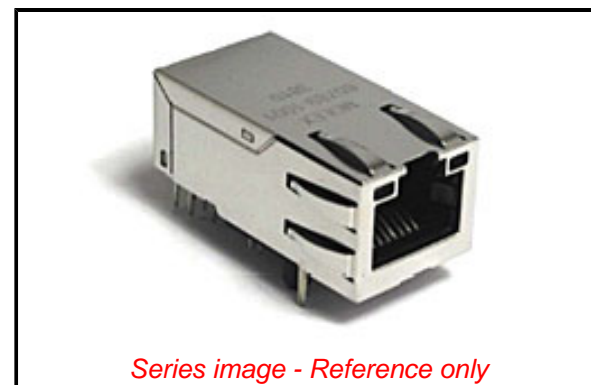
Product Family Modular Jacks/Plugs  
 Series [85793](#)  
 Component Type PCB Jack  
 Magnetic Yes  
 Overview [Magnetic Modular Jacks](#)  
 Performance Category 5, 5e  
 Power over Ethernet (PoE) Non-PoE  
 Product Name Magnetic Jack, Modular Jack 8/8  
 UPC 884982282100

**Physical**

Boot Color N/A  
 Color - Resin Black  
 Durability (mating cycles max) 750  
 Inverted / Top Latch Yes  
 Jack Height 13.87mm  
 Lightpipes/LEDs LEDs  
 Material - Metal Brass, Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin Thermoplastic Polyurethane  
 Net Weight 10.484g  
 Orientation Right Angle (Side Entry)  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.80mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.02mm  
 Pitch - Termination Interface 1.02mm  
 Plating min - Mating 0.381µm  
 Plating min - Termination 1.270µm  
 Ports 1  
 Positions / Loaded Contacts 8/8  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating 0°C to +70°C  
 Termination Interface: Style Through Hole  
 Waterproof / Dustproof No  
 Wire/Cable Type N/A

**Electrical**

Current - Maximum per Contact 1.0A  
 Grounding to PCB Yes  
 Grounding to Panel Yes



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

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

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 Please visit the [Contact Us](#) section for any non-product compliance questions.

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

Shielded  
Voltage - Maximum

Yes  
150V (RMS)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification  
Sales Drawing

PK-85759-001  
PS-85793-001-001  
857931001-000

This document was generated on 05/24/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**