

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

**Part Number:** [85793-1006](#)  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** Gigabit Magnetic Jack, 1x1 LEDs: Yellow - Green

**Documents:**

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

**Agency Certification**

UL E177474

**General**

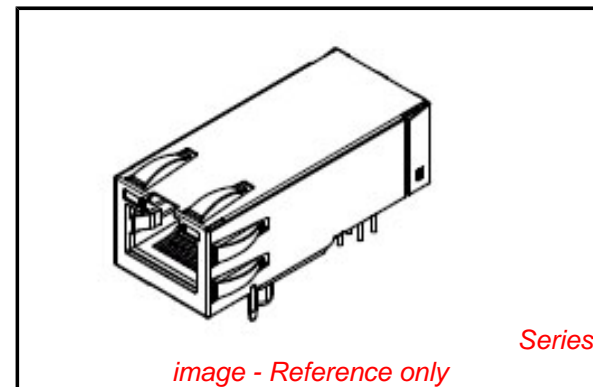
Product Family Modular Jacks/Plugs  
 Series [85793](#)  
 Component Type PCB Jack  
 Magnetic Yes  
 Overview [Magnetic Modular Jacks](#)  
 Performance Category 5, 5e  
 Power over Ethernet (PoE) Non-PoE  
 Product Name Magnetic Jack  
 UPC 884982282100

**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  
 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 1A  
 Grounding to PCB Yes  
 Grounding to Panel Yes  
 Shielded Yes



**EU RoHS**

**ELV and RoHS  
 Compliant**  
**REACH SVHC  
 Not Reviewed**  
**Low-Halogen Status  
 Not Reviewed**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

[85793Series](#)

**Mates With**

Plugs according to IEC 60603-7

Voltage - Maximum

150V (RMS)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-85793-001

Sales Drawing

SD-85793-101

This document was generated on 01/09/2013

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