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**Part Number:** [85789-1006](#)  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** Gigabit Magnetic Jack, PoE PLUS ENABLED 1x1, LEDs: YELLOW - GREEN

**Documents:**

[3D Model](#) [Product Specification PS-85789-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E177474

**General**

Product Family Modular Jacks/Plugs  
 Series [85789](#)  
 Component Type PCB Jack  
 Magnetic Yes  
 Overview [Magnetic Modular Jacks](#)  
 Performance Category 5, 5e  
 Power over Ethernet (PoE) PoE+  
 Product Name Magnetic Jack  
 UPC 884982228078

**Physical**

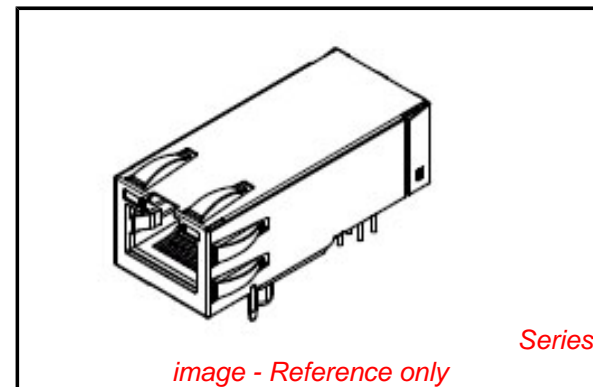
Durability (mating cycles max) 750  
 Inverted / Top Latch Yes  
 Jack Height 13.87mm  
 Keying to Mating Part Yes  
 Lightpipes/LEDs LEDs  
 Material - Metal Brass, Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Net Weight 10.860g  
 Orientation Right Angle (Side Entry)  
 PCB Retention None  
 PCB Thickness - Recommended 2.80mm  
 Packaging Type Tray  
 Panel Mount No  
 Pitch - Mating Interface 1.02mm  
 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  
 Wire/Cable Type N/A

**Electrical**

Current - Maximum per Contact 1A  
 Grounding to PCB Yes  
 Grounding to Panel Yes  
 Shielded Yes  
 Voltage - Maximum 57V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 3  
 Max. Cycles at Max. Process Temperature 3  
 Process Temperature max. C 260



**EU RoHS**

**RoHS Compliant by Exemption**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Not Low-Halogen**

**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**  
[85789Series](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-85789-001

Sales Drawing

SD-85789-001

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