

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

**Part Number:** **0857351008**  
**Status:** **Active**  
**Overview:** Magnetic Jacks  
**Description:** Gigabit Magnetic Jack, Enabled PoE+ 2x4, with LEDs Left/Green-Yellow and Right/Green-Yellow

**Documents:**

[3D Model](#) [Product Specification PS-85732-001-001 \(PDF\)](#)  
[3D Model \(PDF\)](#) [Packaging Specification PK-85735-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

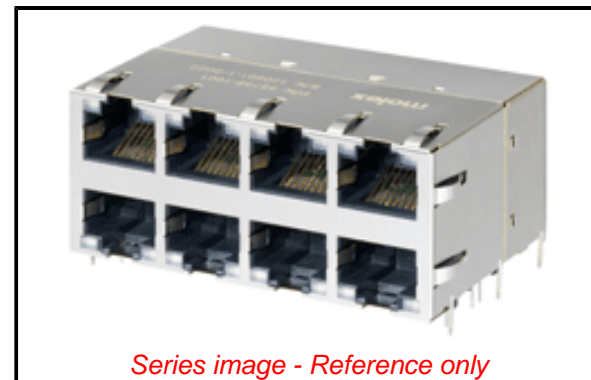
Product Family Modular Jacks/Plugs  
Series [85735](#)  
Component Type PCB Jack  
Magnetic Yes  
More Detailed Tech Information \*For product specifications please contact your Molex sales representative  
Overview [Magnetic Jacks](#)  
Performance Category 5, 5e  
Power over Ethernet (PoE) PoE+  
Product Name Magnetic Jack, RJ45  
UPC 887191096117

**Physical**

Boot Color N/A  
Color - Resin Black  
Durability (mating cycles max) 750  
Inverted / Top Latch Yes  
Jack Height 25.46mm  
Lightpipes/LEDs LEDs  
Material - Metal Brass, Copper Alloy  
Material - Plating Mating Gold  
Material - Resin PBT  
Net Weight 53.720/g  
Orientation Right Angle (Side Entry)  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 3.20mm  
Packaging Type Tray  
Pitch - Mating Interface 1.27mm, 2.54mm  
Pitch - Termination Interface 1.27mm, 2.54mm  
Port Configuration 2x4  
Positions / Loaded Contacts 8/8  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating 0° 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  
Shielded Yes  
Voltage - Maximum 57V



*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  
Methylhexahydrophthalic anhydride

**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**

[85735 Series](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

PK-85735-001-001

Product Specification

PS-85732-001-001

Sales Drawing

SD-85735-101-001, SD-85735-201-001

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