

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

**Part Number:** [85735-1001](#)  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** Gigabit Magnetic Jack, Enabled PoE+ 2x4, with LEDs Left/Green and Right/Green

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-85732-001 \(PDF\)](#)

**General**

Product Family	Modular Jacks/Plugs
Series	<a href="#">85735</a>
Component Type	PCB Jack
Magnetic	Yes
More Detailed Tech Information	*For product specifications please contact your Molex sales representative
Overview	<a href="#">Magnetic Modular Jacks</a>
Performance Category	5, 5e
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack
UPC	887191096094

**Physical**

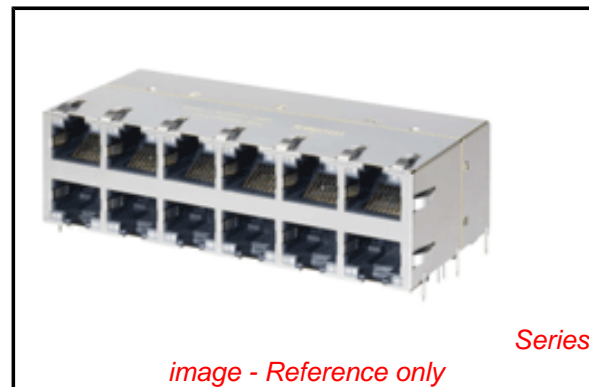
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	25.46mm
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	PBT
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	3.20mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm, 2.54mm
Pitch - Termination Interface	1.27mm, 2.54mm
Ports	8
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
Voltage - Maximum	57V

**Material Info**

**Reference - Drawing Numbers**



<b>EU RoHS</b>	<b>China RoHS</b>
<b>Compliance Status</b>	
<b>Not Reviewed</b>	
<b>REACH SVHC</b>	
<b>Not Reviewed</b>	
<b>Low-Halogen Status</b>	
<b>Not Reviewed</b>	

**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**  
[85735Series](#)

This document was generated on 04/04/2013

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