

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

**Part Number:** [0857171001](#)  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** Gigabit Magnetic Jack, Integrated PSE PoE+ 2x6, with LEDs

**Documents:**

[3D Model](#) [Packaging Specification PK-85717-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Modular Jacks/Plugs
Series	85717
Component Type	PCB Jack
Magnetic	Yes
More Detailed Tech Information	*For product specifications please contact your Molex sales representative
Overview	<u>Magnetic Modular Jacks</u>
Performance Category	5, 5e
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack, Modular Jack 8/8
UPC	884982732742

**Physical**

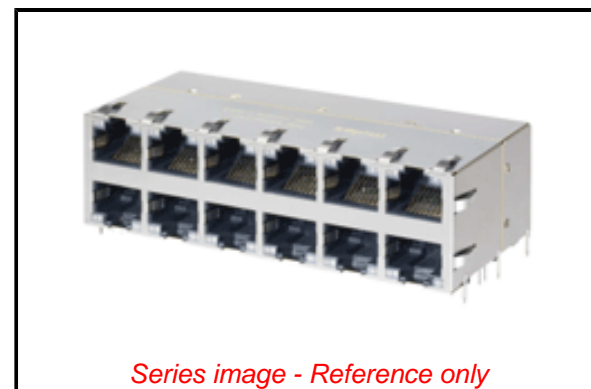
Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	25.46mm
Lightpipes/LEDs	LEDs
Material - Metal	Brass, Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	PBT
Net Weight	90.273/g
Orientation	Right Angle (Side Entry)
PCB Locator	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
Ports	12
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
Shielded	Yes
Voltage - Maximum	57V

**Material Info**

**Reference - Drawing Numbers**



**EU ELV**

**Compliant with Exemption 8(f),8(e),10(a)**

**EU RoHS**

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

Contained Per - ED/21/2016 (20 June 2016)  
 1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)p

**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	Compliant with Exemption 8(f),8(e),10(a)
RoHS Phthalates	Not Reviewed

**Search Parts in this Series**  
[85717 Series](#)

This document was generated on 05/29/2017

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