

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

**Part Number:** **0857271004**  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** Gigabit Magnetic Jack 2X4, LEDs Green and Orange/Green and Orange

**Documents:**

[3D Model](#) [Packaging Specification PK-85727-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-85728-001-001 \(PDF\)](#)

**General**

Product Family	Modular Jacks/Plugs
Series	<u>85727</u>
Comments	With LED
Component Type	PCB Jack
Magnetic	Yes
Overview	<u>Magnetic Modular Jacks</u>
Performance Category	5, 5e
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack, Modular Jack 8/8, RJ45
UPC	887191095592

**Physical**

Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	25.43mm
Lightpipes/LEDs	LEDs
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	PBT
Net Weight	42.060/g
Orientation	Right Angle (Side Entry)
PCB Retention	N/A
PCB Thickness - Recommended	2.20mm
Packaging Type	Tray
Pitch - Mating Interface	1.02mm
Plating min - Mating	0.762µm
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
Wire/Cable Type	CAT 5, CAT 6

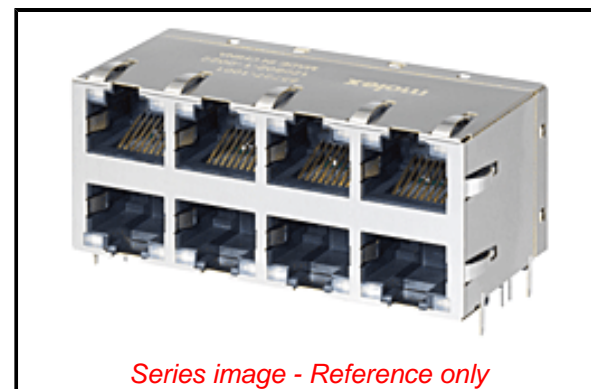
**Electrical**

Current - Maximum per Contact	1.5A
Grounding to PCB	Yes
Grounding to Panel	Panel Ground Tab
Shielded	Yes
Voltage - Maximum	125V AC (RMS)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-85727-001-001
Product Specification	PS-85728-001-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant with Exemption 7(c)-I\***

**REACH SVHC**

Contained Per - ED/30/2017 (7 July 2017)\*

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.

CUST_NOTE	*Product contains part(s) with customer managed
CUST_NOTE1	EHS data. These part(s) are excluded from product compliance status evaluation.
CUST_NOTE2	
China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained*

**Search Parts in this Series**

[85727 Series](#)

**Mates With**

[95043](#) , [44915](#) Plugs according to IEC 60603-7

This document was generated on 03/02/2018

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