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**Part Number:** **0857271003**  
**Status:** **Active**  
**Overview:** Magnetic Modular Jacks  
**Description:** Gigabit Magnetic Jack 2X4, LEDs Green/Yellow

**Documents:**

[3D Model](#) [Packaging Specification PK-85727-001 \(PDF\)](#)  
[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
UPC	887191095585

**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**

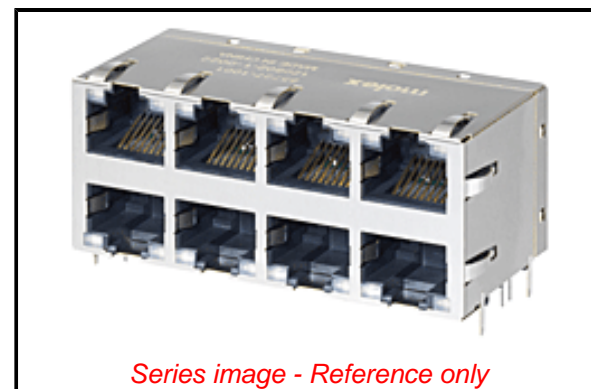
Current - Maximum per Contact	1.5A
Grounding to PCB	Yes
Grounding to Panel	Panel Ground Tab
Shielded	Yes
Voltage - Maximum	125V AC (RMS)

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

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

**REACH SVHC**

Not Reviewed

**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	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

85727 Series

**Mates With**

95043 , 44915 Plugs according to IEC 60603-7

Packaging Specification  
Product Specification  
Sales Drawing

PK-85727-001  
PS-85728-001-001  
SD-85727-001

This document was generated on 08/23/2017

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