

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

**Part Number:** [0857271001](#)  
**Status:** **Active**  
**Overview:** [Magnetic Jacks](#)  
**Description:** Gigabit Magnetic Jack 2X4, LEDs Green/Green

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">3D Model</a>       | <a href="#">Product Specification PS-85728-001-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>  | <a href="#">Packaging Specification PK-85727-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>           |

**General**

|                           |                                |
|---------------------------|--------------------------------|
| Product Family            | Modular Jacks/Plugs            |
| Series                    | <a href="#">85727</a>          |
| Comments                  | With LED                       |
| Component Type            | PCB Jack                       |
| Magnetic                  | Yes                            |
| Overview                  | <a href="#">Magnetic Jacks</a> |
| Performance Category      | 5, 5e                          |
| Power over Ethernet (PoE) | Non-PoE                        |
| Product Name              | Magnetic Jack, RJ45            |
| UPC                       | 887191095561                   |

**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                     | 45.213/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                  |
| 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             |
| Wire/Cable Type                | CAT 5, CAT 6             |

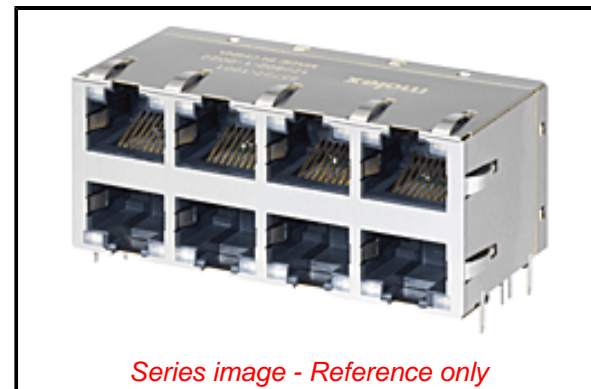
**Electrical**

|                               |                  |
|-------------------------------|------------------|
| 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**

**REACH SVHC**

Contained Per -  
D(2021)4569-DC (8  
July 2021)

Methylhexahydrophthalic  
anhydride

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[85727](#) Series

**Mates With**

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

This document was generated on 01/10/2022

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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Modular Connectors / Ethernet Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[8949-H88/06BLKA/SN](#) [74441-0010/BKN](#) [MP1010RX-1000](#) [MP44RX-1000](#) [PHP-6P6C-5](#) [GAX-3-66](#) [GAX-8-62](#) [GDCX-PA-66-50](#) [GDCX-PN-64](#) [GDCX-PN-66](#) [GDCX-PN-66-50](#) [GDLX-A-66](#) [GDLX-N-66](#) [GDLX-S-66](#) [GDLX-S-88K](#) [GDTX-S-88-50](#) [GDX-PA-1010](#) [GLX-N-1010M-BLK](#) [GLX-S-88M-BLK](#) [GMX-N-1010](#) [GMX-S-1010](#) [GMX-S-66](#) [GMX-SMT4-N-88](#) [GPX-2-64](#) [GSGX-N-2-88](#) [GSGX-N-4-88](#) [GSX-NS2-88-3.05](#) [GSX-NS2-88-3.05-50](#) [GSX-NS-88-3.05-50](#) [PT-108A-8C-UL](#) [PT-J951-8C](#) [PTS-J531-8CS-50UL](#) [1-1775629-2](#) [A-2014-0-4](#) [GWLX-S-88-GR](#) [GWLX-S9-88-YG](#) [DC-1021-8-WH-6](#) [1300530003](#) [1324640-4](#) [RJ11FTVC2G](#) [RJ11FTVC2N](#) [RJFTVX2SA1G](#) [132764-001](#) [1413235](#) [MP88X-1000](#) [MPS88RX-5000](#) [E5288-S000K3-L](#) [E5908-15A242-L](#) [155302-001](#) [AX100653](#)