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Part Number: [0857931020](#)
Status: **Active**
Overview: Magnetic Modular Jacks
Description: Gigabit Magnetic Jack

Documents:

[3D Model](#) [Packaging Specification PK-85759-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85793-001-001 \(PDF\)](#)

Agency Certification

UL E177474

General

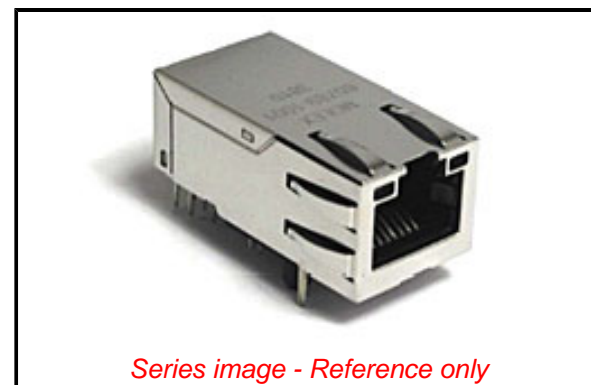
Product Family Modular Jacks/Plugs
 Series [85793](#)
 Component Type PCB Jack
 Magnetic Yes
 Overview [Magnetic Modular Jacks](#)
 Performance Category 5, 5e
 Power over Ethernet (PoE) Non-PoE
 Product Name Magnetic Jack, Modular Jack 8/8, RJ45
 UPC 884982465114

Physical

Boot Color N/A
 Color - Resin Black
 Durability (mating cycles max) 750
 Inverted / Top Latch Yes
 Jack Height 13.87mm
 Lightpipes/LEDs None
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin Thermoplastic Polyurethane
 Net Weight 10.340g
 Orientation Right Angle (Side Entry)
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 2.80mm
 Packaging Type Tray
 Pitch - Mating Interface 1.02mm
 Pitch - Termination Interface 1.02mm
 Plating min - Mating 0.381µm
 Plating min - Termination 1.270µm
 Ports 1
 Positions / Loaded Contacts 8/8
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating 0° 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 7(c)-I

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email 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

[85793 Series](#)

Mates With

Plugs according to IEC 60603-7

Shielded
Voltage - Maximum

Yes
150V (RMS)

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification
Sales Drawing

PK-85759-001-001
PS-85793-001-001
857931001-000

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