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Part Number: [0857891006](#)
Status: **Active**
Overview: [Magnetic Jacks](#)
Description: Gigabit Magnetic Jack, PoE PLUS Enabled 1x1, LEDs: Yellow - Green

Documents:

[3D Model](#) [Packaging Specification PK-85759-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-85789-001-001 \(PDF\)](#)

Agency Certification

UL E177474

General

Product Family Modular Jacks/Plugs
 Series [85789](#)
 Component Type PCB Jack
 Magnetic Yes
 Overview [Magnetic Jacks](#)
 Performance Category 5, 5e
 Power over Ethernet (PoE) PoE+
 Product Name Magnetic Jack, Modular Jack 8/8, RJ45
 UPC 884982228078

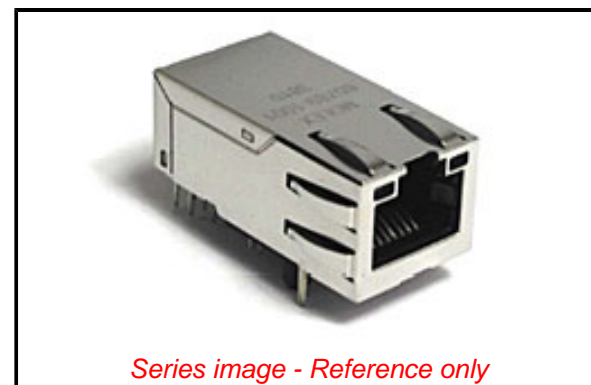
Physical

Durability (mating cycles max) 750
 Inverted / Top Latch Yes
 Jack Height 13.87mm
 Keying to Mating Part Yes
 Lightpipes/LEDs LEDs
 Material - Metal Brass, Phosphor Bronze
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Net Weight 9.520/g
 Orientation Right Angle (Side Entry)
 PCB Retention None
 PCB Thickness - Recommended 1.60mm
 Packaging Type Tray
 Panel Mount No
 Pitch - Mating Interface 1.02mm
 Pitch - Termination Interface 1.02mm
 Plating min - Mating 0.381µm
 Plating min - Termination 1.270µm
 Port Configuration 1x1
 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 N/A

Electrical

Current - Maximum per Contact 1.0A
 Grounding to PCB Yes
 Grounding to Panel Yes
 Shielded Yes
 Voltage - Maximum 57V

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 7(c)-I

REACH SVHC

Not Contained Per -ED/88/2018 (15 January 2019)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

50 Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

[85789 Series](#)

Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	N/A
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-85759-001-001
Product Specification	PS-85789-001-001
Sales Drawing	857891001-000, SD-85789-001, SD-85789-401

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