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Part Number: [85789-1001](#)
Status: **Active**
Overview: [Magnetic and Modular Jacks](#)
Description: Gigabit Magnetic Jack, PoE PLUS ENABLED 1x1, LEDs: GREEN - GREEN

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

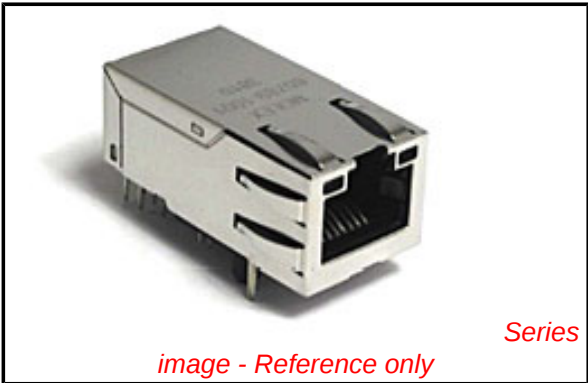
Agency Certification
UL E177474

General
Product Family Modular Jacks/Plugs
Series [85789](#)
Component Type PCB Jack
Magnetic Yes
Overview [Magnetic and Modular Jacks](#)
Performance Category 5, 5e
Power over Ethernet (PoE) PoE+
Product Name Magnetic Jack
UPC 884982228054

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 10.861/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
Ports 1
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 N/A

Electrical
Current - Maximum per Contact 1A
Grounding to PCB Yes
Grounding to Panel Yes
Shielded Yes
Voltage - Maximum 57V

Material Info



EU RoHS
RoHS Compliant by Exemption
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Low-Halogen



Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[85789Series](#)

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-85789-001
SD-85789-001, SD-85789-401

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