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Part Number: [0857891001](#)

Status: **Active**

Overview: [Magnetic Jacks](#)

Description: MXMag Gigabit Ethernet 8 Core PoE+ 30W Single-Port RJ45 Connector, 33.02mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Green/Green LEDs, Standard Temperature, Tray

Documents:

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[3D Model](#)

[Product Specification PS-85789-001-001 \(PDF\)](#)

[Packaging Specification PK-85759-001-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E177474

General

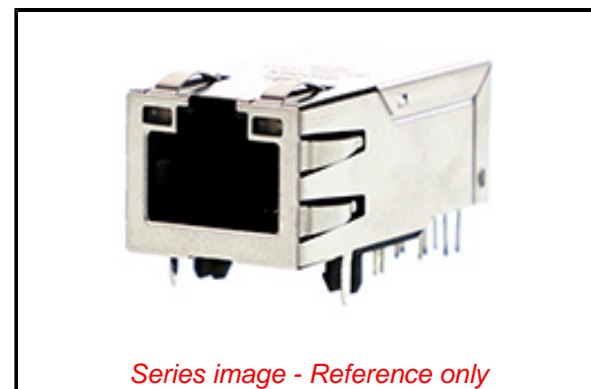
Product Family Modular Jacks/Plugs
Series [85789](#)
Component Type PCB Jack
Depth 33.02mm
Magnetic Yes
Overview [Magnetic Jacks](#)
Performance Category 1000Mb
Power over Ethernet (PoE) PoE+
Product Name Magnetic Jack, MXMag, RJ45
UPC 884982228054

Physical

Color - Resin Black
Durability (mating cycles max) 750
Inverted / Top Latch Yes
Jack Height 13.87mm
Keying to Mating Part None
Lightpipes/LEDs LEDs
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin PBT
Net Weight 9.422/g
Orientation Right Angle (Side Entry)
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Panel Mount Spring Tabs
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 7(c)-I

REACH SVHC

Contained Per - D(2021)4569-DC (8 July 2021)
2-Methyl-1-(4-methylthiophenyl)-2-morpholinoprop

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

50 Image

Not Relevant

Not Contained

Search Parts in this Series

[85789 Series](#)

Mates With

Plugs according to IEC 60603-7

Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	57V

Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info**Reference - Drawing Numbers**

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

This document was generated on 12/10/2021

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