

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0857591001](#)

Status: **Active**

Overview: [Magnetic Jacks](#)

Description: MXMag PSE Integrated Gigabit Ethernet 8 Core PoE+ 30W Single-Port RJ45 Connector, 39.00mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Green/Green LEDs, Standard Temperature, Tray

Documents:

3D Model	Packaging Specification PK-85759-001-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-85759-001 (PDF)	

General

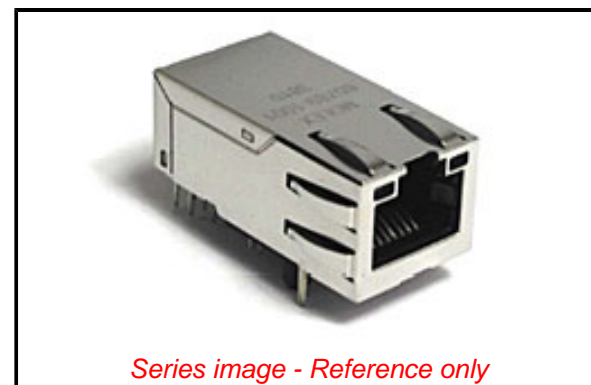
Product Family	Modular Jacks/Plugs
Series	85759
Component Type	PCB Jack
Depth	39.00mm
Magnetic	Yes
Overview	Magnetic Jacks
Performance Category	1000Mb
Power over Ethernet (PoE)	PoE+
Product Name	Magnetic Jack, MXMag, RJ45
UPC	884982213692

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	10.000/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
Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 7(a),7(c)-I

REACH SVHC

Contained Per -
D(2020)9139-DC (19
Jan 2021)
2-methyl-1-(4-
methylthiophenyl)-2-
morpholinoprop
lead
1,3,5-
tris(oxiranylmethyl)-1,3,5-
triazine-2,4,6(

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

[85759](#) Series

Mates With

Plugs according to IEC 60603-7

Voltage - Maximum

57V

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-85759-001-001

Product Specification

PS-85759-001

Sales Drawing

857591001-000, SD-85759-001

This document was generated on 03/02/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[85759-1001](#)