

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

Drawing (PDF)

3D Model (PDF)

Product Specification PS-85759-001 (PDF)

Packaging Specification PK-85759-001-001 (PDF)

RoHS Certificate of Compliance (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
Voltage - Maximum	57V

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant with

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

REACH SVHC

Contained Per -

D(2020)4578-DC (25

June 2020)

2-Methyl-1-(4-

methylthiophenyl)-2-

morpholinoprop

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

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 07/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION