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Part Number: [0857911020](#)

Status: **Active**

Overview: [Magnetic Jacks](#)

Description: MXMag PD Integrated Gigabit Ethernet 8 Core PoE+ 30W Class 1 Single-Port RJ45 Connector, 39.00mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, Non-LED, Standard Temperature, Tray

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

[Datasheet \(PDF\)](#)

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



Series image - Reference only

General

Product Family	Modular Jacks/Plugs
Series	85791
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	887191157337

Physical

Color - Resin	Black
Durability (mating cycles max)	750
Inverted / Top Latch	Yes
Jack Height	13.87mm
Keying to Mating Part	None
Lightpipes/LEDs	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	PBT
Net Weight	12.142/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	0.762µm
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	60V AC

EU ELV

Not Relevant

EU RoHS

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

REACH SVHC

Contained Per -
D(2020)9139-DC (19
Jan 2021)

Lead
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

[85791 Series](#)

Mates With

Plugs according to IEC 60603-7

Material Info

Reference - Drawing Numbers

Packaging Specification
Sales Drawing

PK-85759-001-001
857910020-000

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