Part Number: **0857931006**

Status: **Active**

Overview: Magnetic Jacks

Description: MXMag Gigabit Ethernet 8 Core Non-PoE Single-Port RJ45 Connector, 33.02mm Depth, 3.15mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Green/Yellow 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-85793-001-001 (PDF)	

Series image - Reference only

EU ELV
Not Relevant

EU RoHS	**China 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	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Agency Certification

UL	E177474

General

Product Family	Modular Jacks/Plugs
Series	85793
Component Type	PCB Jack
Depth	33.02mm
Magnetic	Yes
Overview	Magnetic Jacks
Performance Category	1000Mb
Power over Ethernet (PoE)	Non-PoE
Product Name	Magnetic Jack, MXMag, RJ45
UPC	884982282100

Search Parts in this Series
85793 Series

Mates With
Plugs according to IEC 60603-7

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	10.484/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	150V (RMS)

Material Info

Reference - Drawing Numbers
Packaging Specification	PK-85759-001-001
Product Specification	PS-85793-001-001
Sales Drawing	857931001-000

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