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Part Number:

0857891006

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/Yellow LEDs, Standard Temperature, Tray

Documents:

Drawing (PDF)

3D Model

3D Model (PDF)

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
Taxonomy	Modular Jacks and Plugs
UPC	884982228078

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	9.520/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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant with Exemption 7(c)-I	
REACH SVHC	
Contained Per - D(2022)4187-DC (10 June 2022)	
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
85789 Series

Mates With
Plugs according to IEC 60603-7

Current - Maximum per Contact	1.0A
Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes
Voltage - Maximum	57V

Solder Process Data

Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	N/A
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

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

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