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Part Number:

0938098046

Status:

Active

Overview:

Magnetic Jacks

Description:

MXMag Fast Ethernet 4 Core PoE Single-Port RJ45 Connector with Bridge Rectifier, 21.40mm Depth, 3.30mm Phy Pin Length, Right-Angle, Inverted Profile, with Shield Tabs, with Green-Yellow LEDs, Industrial Temperature, Tray



Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification 938090001-000 (PDF)

Packaging Specification 934620001-K (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Modular Jacks/Plugs
Series	93809
Component Type	PCB Jack
Depth	21.40mm
Magnetic	Yes
Overview	Magnetic Jacks
Performance Category	100Mb
Power over Ethernet (PoE)	PoE
Product Name	Magnetic Jack, MXMag, RJ45
Taxonomy	Modular Jacks and Plugs
UPC	191128172349

Physical	
Color - Resin	Black
Durability (mating cycles max)	2500
Inverted / Top Latch	Yes
Jack Height	14.10mm
Keying to Mating Part	None
Lightpipes/LEDs	LEDs
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	5.533/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	Spring Tabs
Plating min - Mating	0.051µm (Au), 1.016µm (PdNi)
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

Electrical	
Current - Maximum per Contact	0.5A
Grounding to PCB	Yes
Grounding to Panel	Yes
Shielded	Yes

EU ELV

Not Relevant

EU RoHS

Compliant with
Exemption 7(c)-I

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS	50 Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

93809 Series

Mates With

IEC 60603 / TIA-1096-A

Voltage - Maximum	60V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	934620001-K
Product Specification	938090001-000
Sales Drawing	934620003-K, 938098046-001

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