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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	Packaging Specification 934620001-K (PDF)
Drawing (PDF)	Datasheet (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 938090001-000 (PDF)	

General

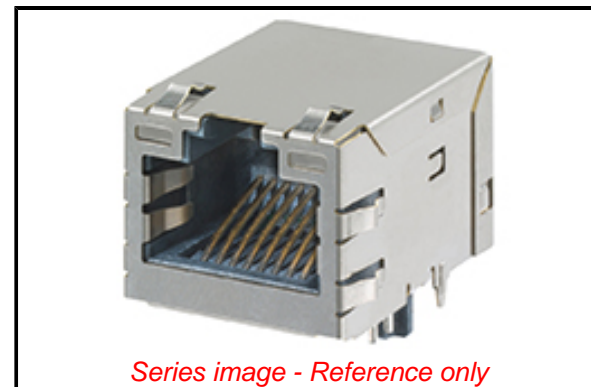
Product Family	Modular Jacks/Plugs
Series	93809
Component Type	PCB Jack
Depth	21.40mm
Magnetic	Yes
Overview	Magnetic Jacks
Performance Category	100Mb
Power over Ethernet (PoE)	PoE
Product Name	Magnetic Jack, MXMag, RJ45
UPC	191128172349

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
Voltage - Maximum	60V



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant with Exemption 7(c)-I

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

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

Material Info

Reference - Drawing Numbers

Packaging Specification

934620001-K

Product Specification

938090001-000

Sales Drawing

934620003-K, 938098046-001

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