

2-2301994-4 ✓ ACTIVE

Industrial RJ45 Mag Jack

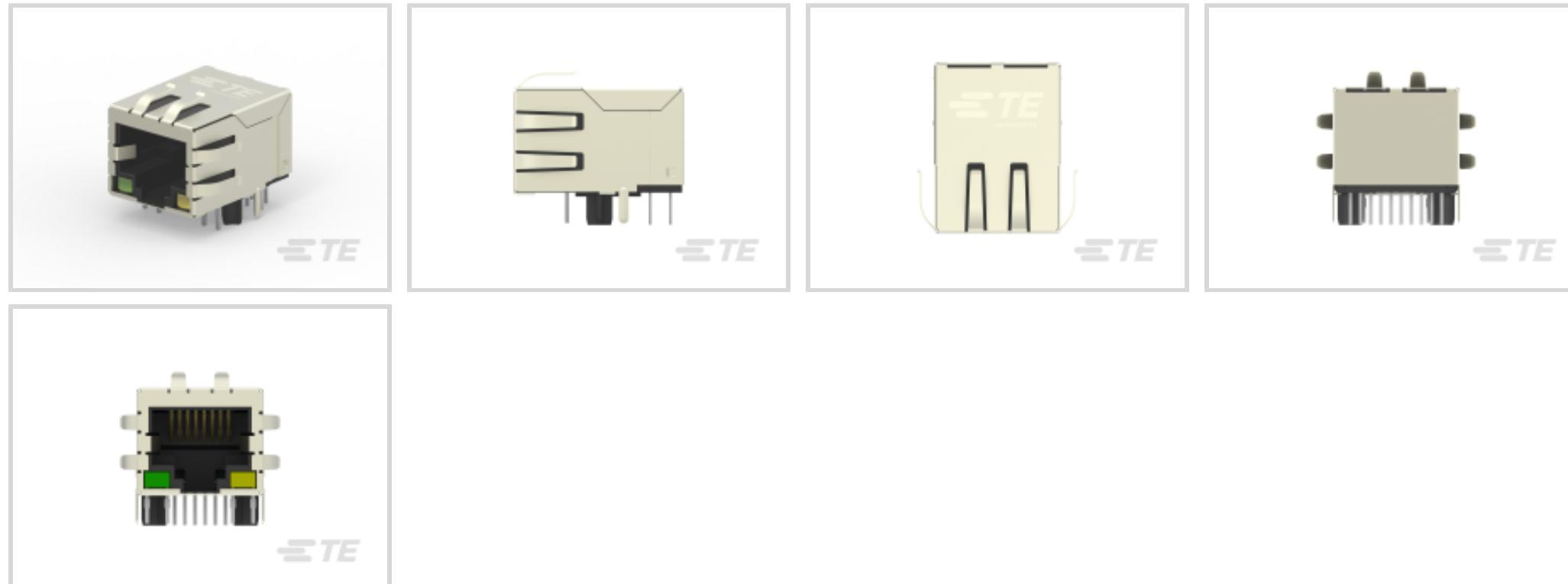
TE Internal #: 2-2301994-4

RJ45 with Integrated Magnetics Connector, Single Port, 1 x 1, Jack, Shielded, Cat 5e, Standard - Latch Down, 8 Position, Industrial RJ45 Mag Jack

[View on TE.com >](#)



Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **RJ45 with Integrated Magnetics**

Port Configuration: **Single Port**

Port Matrix Configuration: **1 x 1**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Features

Product Type Features

Modular Jack & Plug Interface Type	RJ45 with Integrated Magnetics
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Jack
Grounding Options	PCB and Panel Ground
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of PCB Ground Tabs	2
Panel Ground Location	Top and Side
Number of Panel Ground Tabs	6
Port Configuration	Single Port
Port Matrix Configuration	1 x 1
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8

PCB Mount Orientation

Right Angle

Signal Characteristics

Data Rate

1 Gb/s

Body Features

LED Color (Bottom Left)

Green/Yellow

Insulator Material

LCP

LED Color (Bottom Right)

Green/Yellow

Shield Plating Material

Nickel

Shield Plating Finish

Matte

Shield Material

Brass

PCB Retention Feature Material

LCP

LED Color (Top Right)

None

LED Color (Top Left)

None

PCB Ground Tab Location

3.05 mm[.12 in]

Modular Jack Latch Orientation

Standard - Latch Down

Connector Profile

Standard

Contact Features

Contact Underplating Material

Nickel

PCB Contact Termination Area Plating Material Finish

Matte

PCB Contact Termination Area Plating Material

Tin

Contact Mating Area Plating Material

Gold (Au)

Contact Base Material

Copper Alloy

Contact Mating Area Plating Material Thickness

.76 µm[30 µin]

Termination Features

Termination Method to PCB

Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type

Boardlock

Housing Features

Mating Entry Location

Side

Housing Color

Black

Housing Material

LCP

Dimensions

Connector Height

13.63 mm [.537 in]

Usage Conditions

Operating Temperature Range

-40 – 85 °C [-40 – 185 °F]

Operation/Application

Indicator Type

LED

Shielded

Yes

Industry Standards

UL Flammability Rating

UL 94V-0

Performance Category

Cat 5e

Packaging Features

Packaging Quantity

80

Packaging Method

Reel

Other

Shield Panel Ground Type

Shield has bottom panel grounds.

Product ComplianceFor compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU

Compliant

EU ELV Directive 2000/53/EC

Out of Scope

China RoHS 2 Directive MIIT Order No 32, 2016

有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2025 (250)
Candidate List Declared Against: JUNE 2025 (250)
Does not contain REACH SVHC

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

Solder Process Capability

Reflow solder capable to 260°C

Product Compliance Disclaimer

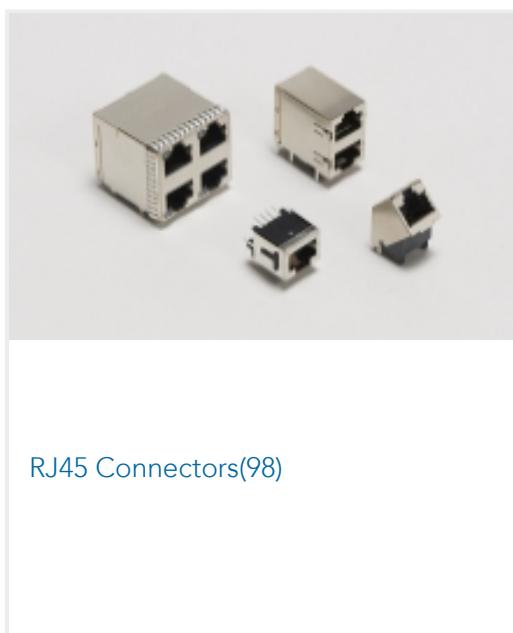
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits

as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



Also in the Series | Industrial RJ45 Mag Jack



Customers Also Bought





Documents

Product Drawings

[RJ45 JACK INT.MAG. 1GB LED 1X1](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-2301994-4_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2301994-4_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2301994-4_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[1-1773921-5_RJ45_Integrated_Magnetics_0617](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English