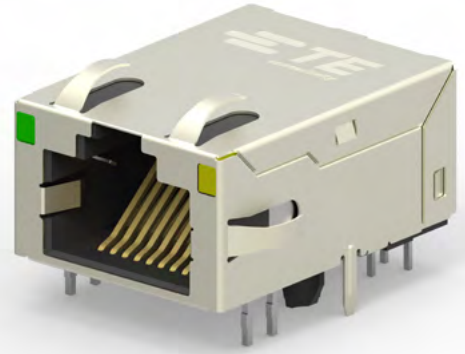


INTRODUCING

INDUSTRIAL RJ45 JACKS WITH INTEGRATED MAGNETICS

- Improve corrosion resistance with a thicker gold plating (30µinch over 50µinch nickel), reducing equipment electrical problems over lifetime
- Address industrial equipment requirements where standard temperature range is too limited with improved specifications from 0 to 70°C



Industrial RJ45 jacks with integrated magnetics offer a highly integrated connectivity solution - from the cable to the physical layer- for Industrial Ethernet. Integrating the magnetics into the jack allows for a much-improved EMI noise shielding, enabling more reliable connections. A standardized portfolio with 1x1 straight and R/A, 1x2, 2x1 form factors addresses many of the industrial applications, which allow customers to find the solution they are looking for. Specific industrial requirements such as high reliability, corrosion resistance, extended temperature range and long product lifetime are all addressed, including support of the latest reflow production processes.

BENEFITS

- Improve corrosion resistance with a thicker gold plating (30µinch over 50µinch nickel), reducing equipment electrical problems over lifetime
- Address industrial equipment requirements where standard temperature range is too limited with improved specifications from 0 to 70°C

APPLICATIONS

- PLCs
- Motor Controls
- Network Interfaces
- Printers
- Routers
- Servers

STANDARDS & SPECIFICATIONS

- IEC 60603-7-51
- Product Specification 108-94552
- Application Specification 114-94447

ELECTRICAL

- 10/100 Base-T Ethernet, 1 Gbps

MECHANICAL

- -40..+85°C; min. 750 mating cycles

MATERIALS

- Plating thickness 0,76µm [30µinch] gold over 1,27µm [50µinch] nickel
- UL 94 V-0 UL
- 260°C reflow capable

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