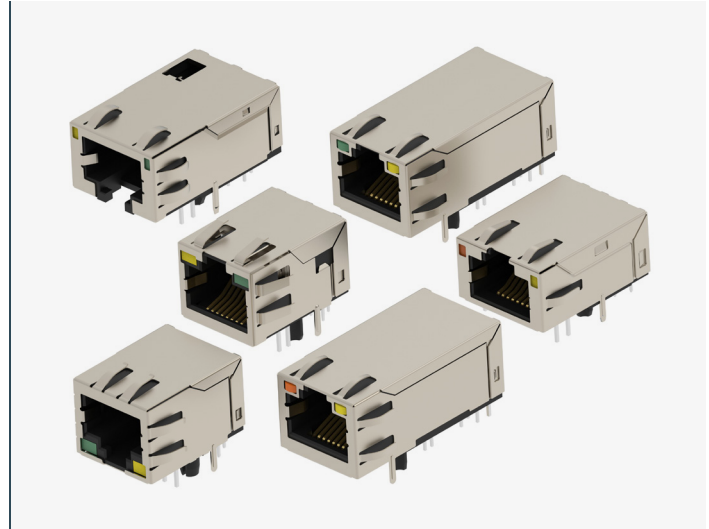


# INTRODUCING MAGNETIC MODULAR JACKS

- Up to 10Gbps speed (Cat 6A)
- Integrating the magnetics into the jack allows for higher electro-magnetic interference (EMI) shielding, increasing reliability to the connection and signal
- Power over Ethernet (PoE) option allows for remote powering of peripherals directly over the Ethernet line



TE Connectivity's (TE) modular jacks with integrated magnetics offer a highly integrated connectivity solution from the cable to the physical layer for Ethernet network solutions. Integrating the magnetics into the jack allows for higher electro-magnetic interference (EMI) shielding, increasing reliability to the connection and signal. To meet increasing demand for information flow with greater bandwidth requirements, TE's broad range of magnetic modular jacks are now available with speeds up to 10 Gbps, offering exceptional performance for high-speed networking. The power over Ethernet (PoE) option allows for remote powering of peripherals directly over the Ethernet line.

## KEY BENEFITS

- Extended temperature range allows for more robust operations and addresses the needs of demanding applications
- Supports PoE standard IEEE 802.3at
- Compact design on PCB saves space
- Right angle, vertical, and inverted options available
- Multiple LED configurations
- 1GBT, 2.5GBT,5GBT, and 10GBT capable designs for a wide variety of data transfer requirements

## APPLICATIONS

- High-speed networking
- Data centers
- Medical
- Industrial applications

## KEY BENEFITS

- Up to 10Gbps speed (Cat 6A)
- Integrated magnetics allow for improved EMI shielding, creating more reliable connections and reducing signal degradation
- The PoE option allows for both power transmission and signal connection through the same cable
- Useful for networking, data center, medical, and industrial applications utilizing Ethernet networking and connectivity solutions
- Useful for heavy duty industrial applications due to an extended temperature range and robust construction

## LEARN MORE

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