

**\*\*NEW PRODUCT ANNOUNCEMENT\*\***

# RJ45 Filtered Connector Modules for Ethernet LANs

**SHORT DESCRIPTION**

RJ45 Jacks for 10/100/1000BaseT Applications  
Some Models Available with Single or Dual USB Connectors  
Integrated Filtering  
Compact Designs Save PCB Real Estate  
Magnetics 100% Electrically Tested for HI-POT and Continuity  
RoHS Compliant

**LONG DESCRIPTION**

**RJ45 10BaseT Jack with Magnetic Module**

Integrated Filtering  
Same Size as RJ45 Connector to Save PCB Real Estate  
Isolation Voltage: 1500Vrms, 0.5mA for 2Sec  
Reduces EMI Radiation and Improves EMI Performance  
Storage Temperature Range: -40C to +125C  
Cut-off Frequency (Tx/Rx): 17MHz Typ @ -3dB  
16 Part Numbers (RJ2 Series)  
RoHS Compliant

**RJ45 10/100BaseT Jack with Magnetic Module**

Includes Magnetic Designs to Support Any PHY  
Same Size as RJ45 Connector to Save PCB Real Estate  
Meets or Exceeds IEEE 802.3 and ANSI X3.263 Standards, Including 350\B5H Minimum OCL with 8mA Bias  
Minimum 1500Vrms Isolation per IEEE 802.3 Requirements  
Designed for 100Base Transmission over UTP-5 Cable  
27 Part Numbers (RJ3 Series)

**RJ45 Single USB Jack with 10/100BaseT Magnetic Module**

Provides LAN Interface Suitable for 10/100BaseTX Applications  
RJ45/USB Stacked Design Saves PCB Real Estate  
USB 2.0 Module Meets CAT5 Fast Ethernet Industry Performance Standard  
Magnetics are 100% Electrically Tested for HI-POT and Continuity  
Meets or Exceeds IEEE 802.3 and ANSI X3.263 Standards, Including 350\B5H Minimum OCL with 8mA Bias  
RJ4 Series  
RoHS Compliant

**RJ45 Dual USB Jack with 10/100BaseT Magnetic Module**

Provides LAN Interface Suitable for 10/100BaseTX Applications  
RJ45/USB Stacked Design Saves PCB Real Estate  
USB 2.0 Module Meets CAT5 Fast Ethernet Industry Performance Standard  
Magnetics are 100% Electrically Tested for HI-POT and Continuity  
Meets or Exceeds IEEE 802.3 and ANSI X3.263 Standards, Including 350\B5H Minimum OCL with 8mA Bias RJ44 Series  
RoHS Compliant

**RJ45 Dual USB Jack with 10/100/1000BaseTX Magnetic Module**

Provides LAN Interface Suitable for 10/100/1000BaseTX Applications  
RJ45/USB Stacked Design Saves PCB Real Estate  
USB 2.0 Module Meets CAT5 Fast Ethernet Industry Performance Standard  
Magnetics are 100% Electrically Tested for HI-POT and Continuity  
Meets or Exceeds IEEE 802.3 and ANSI X3.263 Standards, Including 350\B5H Minimum OCL with 8mA Bias  
6 Model Numbers (RJ45 Series)  
RoHS Compliant

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