



| Performance Specifications | |
|-----------------------------------|--|
| Materials and Finish | |
| Housing | Thermoplastic, UL 94V-0, Color Black |
| Contacts | Phosphor bronze plated with hard gold(optional) and Tin in solder area |
| Shielding | SUS or Brass Nickel plating |
| Operating Temperature | 0°C~70°C |
| Storage Temperature | -40°C~85°C |
| Mechanical Characteristics | |
| Durability | 500 Mating Cycles |
| Mating Force | 5 Pounds Max. |
| Unmating Force | 5 Pounds Max. |
| Electrical Characteristics | |
| Current Rating | 1.5 A Max. |
| Voltage Rating | 150 VAC Max. |
| Insulation Resistance | 500 MΩ Min. |
| Dielectric Withstanding Voltage | AC 1KVrms at 60Hz, 1 minute between adjacent contacts |
| Termination Resistance | 40mΩ Max. Initial |
| | 50mΩ Max. Final |

| Features and Benefits |
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| RJ45 with LED internal LAN magnetics |
| Staggered and vertical signal pin versions available |
| Suitable for CAT5 & 6 Fast Ethernet Cable or better UTP |
| Internal magnetics are 100% electrically tested for HI-POT and functionality |
| Electrical and Performance Summary |
| Internal magnetics options available |
| Meets or exceeds IEEE 802.3 and IEEE802.3ab standard |
| 350 μH minimum OCL with 8mA bias current |
| High performance for maximum EMI suppression |
| Minimum 1500Vrms isolation per IEEE 802.3 requirements |
| Options: 1,4,2*1,2*2,2*4,2*6 and 2*8 ports |