



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
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