

Cat 6
UL CERTIFIED



Physical Specification

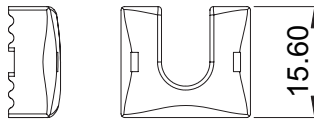
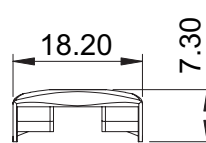
Plastic housing: ABS high-impact UL94V-0 thermoplastic
Spring wire: Phosphor Bronze with 50u" gold over nickel undercoat on contact area
120u" tin over nickel undercoat on solder area

IDC housing: PC high-impact UL94V-0 thermoplastic
IDC contact: Phosphor Bronze with 200u" tin over 100u" nickel undercoat
Insertion Life: 750 mating cycles with FCC compliant RJ-45 plug
Contact force: 100 grams with FCC compliant RJ-45 plug
Plug retention force: 11 lbf min.
Durability: 200 termination cycles
Contact compatibility: Accommodates 22 to 26 AWG solid / 24 AWG stranded
Operating Temperature Range: -10 °C to 60 °C
Storage Temperature Range: -40 °C to 68 °C
Humidity: 10%~90%RH

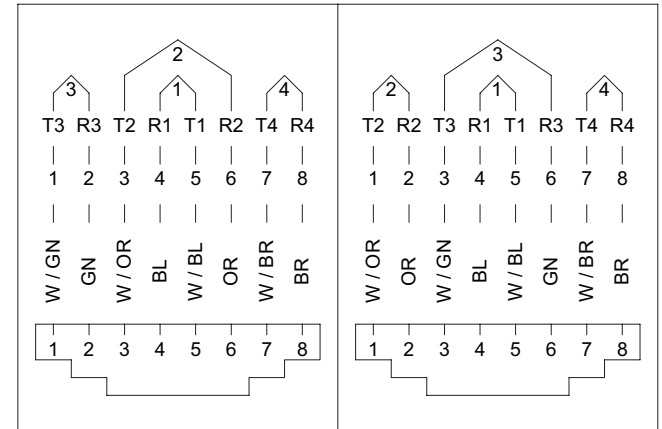
ACCORDING TO TIA/EIA-568-B.2-1
REQUIREMENTS
FILE NO.E145249

Electrical

Insulation resistance: 500 MΩ
Dielectric withstanding voltage: 1000 V
DC current rating: 1.5 Amps
DC resistance: 0.1Ω
Contact resistance: 20mΩ



CAP



Scale	1:1	ALL COPY RIGHTS RESERVED	
3rd Angle Projection		TNT Tri-Net Technology, Inc.	
Unit	mm	Title 07W-I88-YY-M	
Material		Drawn by	Checked by
Color			
Date	2006/2/6		

TOLERANCE				
~20	~50	~150	150~	ANGLE
±0.20	±0.40	±0.50	±1.50	±2°