

ENCLOSURE

- WIRE MANAGER X 8 PCS
- IDC CAP X 48 PCS
- NYLON CABLE TIE X 16 PCS

MATERIAL

- PANEL : SPCC black powder coat finish
- PLASTIC FRAME : ABS high-impact UL94V-0 thermoplastic
- SPRING WIRE : Phosphor Bronze 5100W temper wire, $\phi=0.45\text{mm}$
50u" Gold over 100u" Nickel undercoat
- IDC PLASTIC : Polycarbonate resin high-impact UL94V-0 thermoplastic
- IDC CONTACT : Phosphor Bronze C5191R-H, $t=0.4\text{mm}$
200u" Tin over 50u" Nickel undercoat

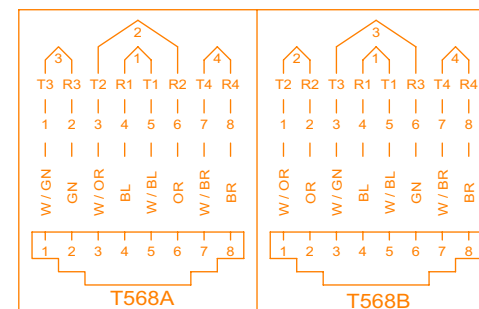
PHYSICAL CHARACTERISTICS

- 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

ELECTRICAL

- INSULATION RESISTANCE : 500 M Ω
- DIELECTRIC WITHSTANDING VOLTAGE : 1000 V
- DC CURRENT RATING : 1.5 Amps
- DC RESISTANCE : 0.1 Ω
- CONTACT RESISTANCE : 20m Ω

Cat 6a
ACCORDING TO TIA/EIA-568-B.2-10
REQUIREMENTS



Scale	2:5				
3rd Angle Projection					
Unit	mm				
Date	2007/3/5				
Tolerance					
~20	~50	~150	150~	ANGLE	
±0.2	±0.4	±0.5	±1.5	±2°	

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