

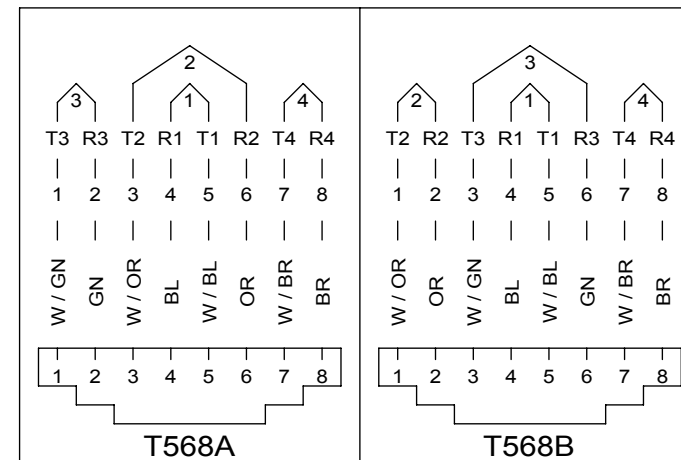
Cat 6a  
ACCORDING TO TIA/EIA-568-B.2-10  
REQUIREMENTS

## Physical Specification

Plastic housing: ABS high-impact UL94V-0 thermoplastic  
 Spring wire: Phosphor Bronze with 50u" gold over 100u" nickel undercoat  
 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

## Electrical

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



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

Scale	1:1	ALL COPY RIGHTS RESERVED	
3rd Angle Projection		DAN-CHIEF ENTERPRISE CO.,LTD.	
Unit	mm	Title	
Material		QB-ABL-C6a-XX	
Color		Drawn by	Checked by
Date	2007/1/24	Allen Li	