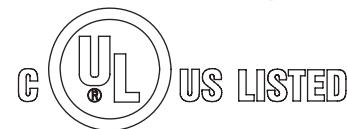


**CAP**

## Enclosure

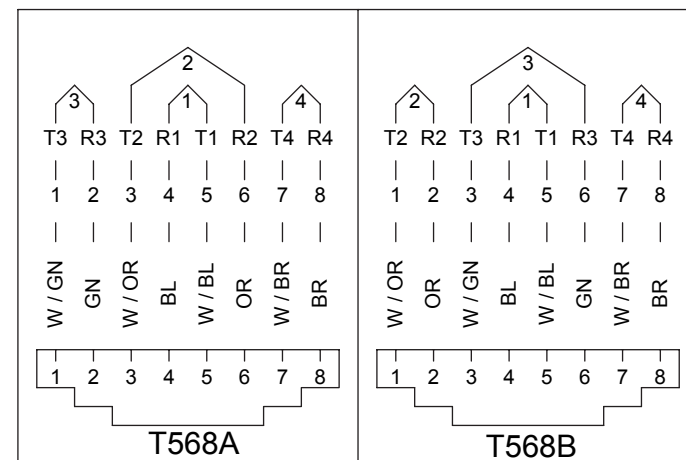
IDC Cap X 2 PCS  
Nylon Cable tie X 1 PCS  
K5 Screw X 2 PCS  
Twin Adhesive X 1 PC(55x45mm)



**Cat 6**  
**UL CERTIFIED**  
**FILE NO.E145249**  
**ACCORDING TO TIA/EIA-568-B.2-1**  
**REQUIREMENTS**

## Physical Specification

Plastic frame: ABS high-impact UL94V-0 thermoplastic  
Jack housing: ABS high-impact UL94V-0 thermoplastic  
Contact holder : PBT PA-66 high-impact UL94V-0 thermoplastic, 25% Glass Fiber filled  
Spring wire: Phosphor Bronze 5100W temper wire 50u" Gold over 100u" Nickel undercoat  
IDC housing: Polycarbonate resin high-impact UL94V-0 thermoplastic  
IDC contact: Phosphor Bronze C5191R-H, t=0.4mm, 100u" Tin over 50u" 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

RoHS Compliant

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

Scale	3:2	ALL COPY RIGHTS RESERVED	
3rd Angle Projection			
Unit	mm	NET MECHANISM Corp www.cabling-ol.net	
Material			
Color		PART NUMBER	
Date	2006/6/6	SMBX-C6-2	
		Drawn by	Checked by
		Rico	