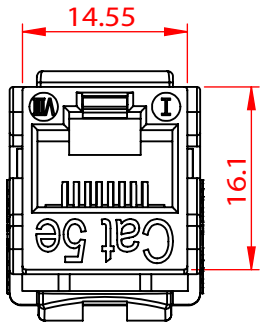
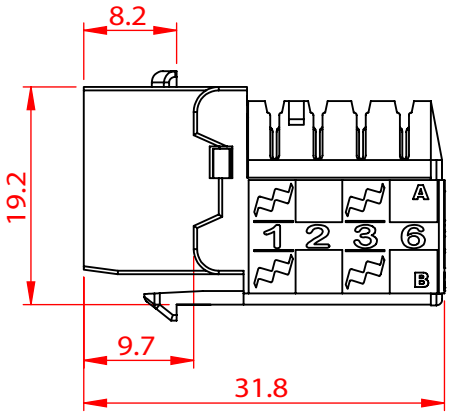
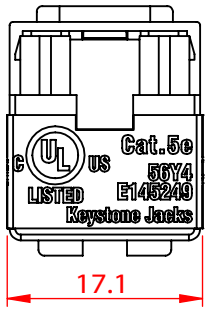
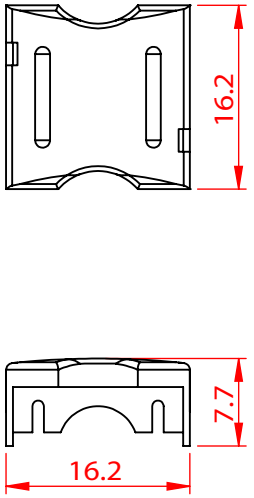
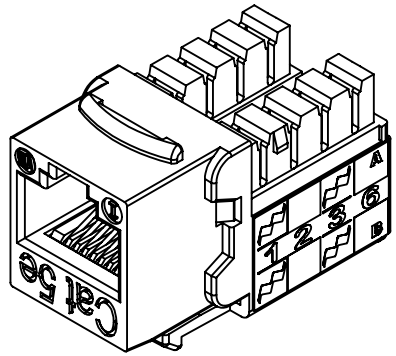










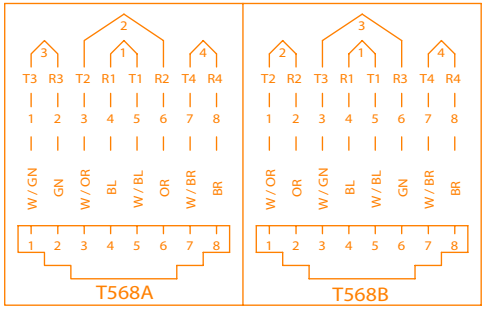
Cat 5e

c UL us LISTED 56Y4 E145249

UL VERIFIED

COMMUNICATION CIRCUIT ACCESSORIES

ACCORDING TO TIA/EIA-568-B-2



MATERIAL

KEYSTONE JACK HOUSING : ABS high-impact UL94V-0 thermoplastic
SPRING WIRE : Phosphor Bronze 5100W temper wire, φ=0.45mm, 3u" Au / 30u" PdNi over 60u" Nickel undercoat
IDC PLASTIC : Polycarbonate resin high-impact UL94V-0 thermoplastic
IDC CONTACT : Phosphor Bronze C5191R-H, t=0.4mm, 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 MΩ
DIELECTRIC WITHSTANDING VOLTAGE : 1000 V
DC CURRENT RATING : 1.5 Amps
DC RESISTANCE : 0.1Ω
CONTACT RESISTANCE : 20mΩ

ENCLOSURE

IDC CAP X 1 PC

RoHS

Scale	3:2					All Copy Rights Reserved	
3rd Angle Projection						Tri-Net Technology, Inc. Total Network Telesis U.S.A.	
Unit	mm					Title	
Date	05/05/2009					07F-I88-XX	
Tolerance							
~20	~50	~150	150~	ANGLE		Drawn by	Checked by
±0.2	±0.4	±0.5	±1.5	±2˚		S. NIKO	