



MATERIAL

SHIELDED CASE : Copper C2680, t=0.25mm, 30u" Nickel plated
 BRACKET : SUS304
 COUPLER HOUSING : ABS high-impact UL94V-0 thermoplastic
 SPRING WIRE : Phosphor Bronze 5100W temper wire, φ=0.45mm
 50u" Gold over 100u" 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
 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

Cat 6

56Y4
 E145249



COMMUNICATION
 CIRCUIT ACCESSORIES



ACCORDING TO
 TIA/EIA-568-B.2-1



Scale	2:1	All Copy Rights Reserved	
3rd Angle Projection		Tri-Net Technology, Inc. Total/Network Telesis U.S.A.	
Unit	mm	Title	
Date	2009/6/19	080-88S-SI-C6-SH	
Tolerance			
~20	~50	~150	ANGLE
±0.2	±0.4	±0.5	±2°
		±1.5	±2°
			Checked by
			S. NIKO