



MATERIAL

COUPLER HOUSING : ABS high-impact UL94V-0 thermoplastic
 SPRING WIRE : Phosphor Bronze 5100W temper wire, $\phi=0.45\text{mm}$
 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 M Ω
 DIELECTRIC WITHSTANDING VOLTAGE : 1000 V
 DC CURRENT RATING : 1.5 Amps
 DC RESISTANCE : 0.1 Ω
 CONTACT RESISTANCE : 20m Ω



Cat 6a

56Y4
 E145249

Scale		2:1			All Copy Rights Reserved	
3rd Angle Projection					 Tri-Net Technology, Inc. <i>Total Network Telesis U.S.A.</i>	
Unit		mm			Title	
Date		08/06/2009			080-RJ45-C6A	
Tolerance						Drawn by S. Niko
~20	~50	~150	150~	ANGLE	Checked by	
±0.2	±0.4	±0.5	±1.5	±2°		