

Cat 6

56Y4
E145249



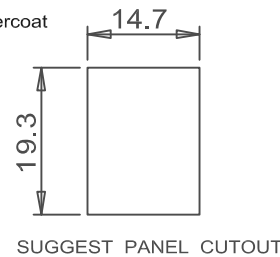
COMMUNICATION
CIRCUIT ACCESSORIES

MATERIAL

COUPLER HOUSING : Polycarbonate resin high-impact UL94V-0 thermoplastic
 CONTACT HOLDER : ABS high-impact UL94V-0 thermoplastic
 SPRING WIRE : Phosphor Bronze 5100W temper wire, $\phi=0.45\text{mm}$, 3u" Au / 30u" PdNi over 60u" 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 : $-10\text{ }^{\circ}\text{C}$ TO $60\text{ }^{\circ}\text{C}$
 STORAGE TEMPERATURE RANGE : $-40\text{ }^{\circ}\text{C}$ TO $68\text{ }^{\circ}\text{C}$
 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



A	INITIAL RELEASE		08/04/09			
REV	DESCRIPTION OF CHANGE			DATE		
TOLERANCE						
INCHES					M/M	
.X	.015				.30	
.XX	.010				.10	
.XXX	.005	.05		SCALE 2:1		
DRAWN BY		UNIT MM				
		SHEET 1/1			REV A	
		DATE 08/04/09				DWG NO.
CHECK BY		TITLE				
APPD BY		PART NO.		N235-001		