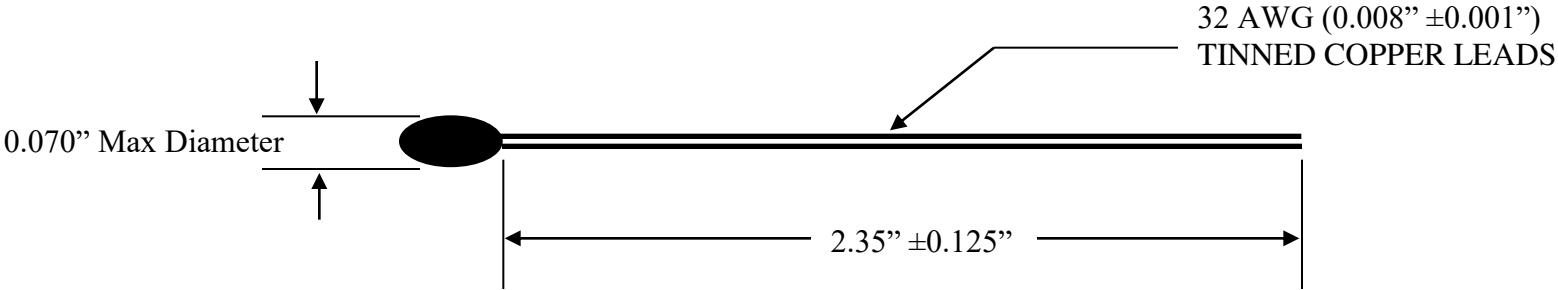


PART NUMBER: ACW-027




ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	100,000Ω (See R/T Table Sheet 2)
Temperature tolerance from 0°C to 70°C	±01.0°C
Dissipation Constant	1mW / °C minimum
Thermal Time Constant	3.5 seconds nominal
Beta (0°C / 50°C)	4143°K
Max Power Rating	250 mW

Rev:	Date:	Changes Made:
0	5/10/16	

DRAWN BY: C. Terry		AMETHERM Circuit Protection Thermistors
DATE: 5/10/16	REV: 0	
ORIG. C. Terry	APPR: M. Samii	ACCU-CURVE THERMISTOR
SHEET 1 of 2		ACW-027

RESISTANCE VS. TEMPERATURE TABLE				
TEMPERATURE °C	RESISTANCE LIMITS (OHMS)			TEMPERATURE ACCURACY (± °C)
	MINIMUM	NOMINAL	MAXIMUM	
-40		4,015,500		
-30		2,064,000		
-20		1,103,400		
-10		611,870		
0	331,970	351,020	370,070	1.0
10	197,200	207,850	218,500	1.0
20	120,590	126,740	132,890	1.0
25	95,300	100,000	104,700	1.0
30	75,797	79,422	83,047	1.0
40	48,843	51,048	53,253	1.0
50	32,221	33,591	34,961	1.0
60	21,715	22,590	23,465	1.0
70	14,932	15,502	16,072	1.0
80		10,837		
90		7,707.7		
100		5,569.3		
110		4,082.9		
120		3,033.3		
130		2,281.0		
140		1,734.3		
150		1,331.9		

DRAWN BY: C. Terry		 AMETHERM <i>Circuit Protection Thermistors</i>
DATE: 5/10/16	REV: 0	
ORIG. C. Terry	APPR: M. Samii	ACCU-CURVE THERMISTOR
SHEET 2 of 2		ACW-027