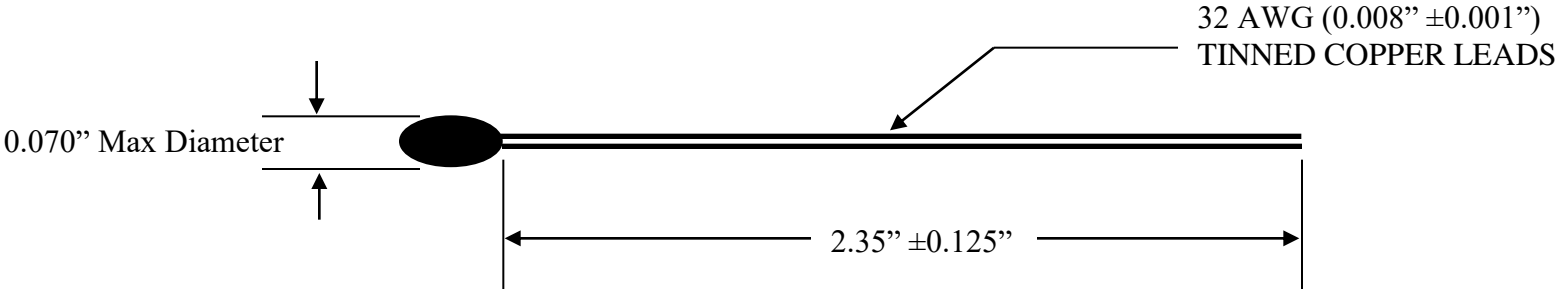


PART NUMBER: ACW-017




ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	100,000Ω (See R/T Table Sheet 2)
Temperature tolerance from 0°C to 70°C	±0.5°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-017

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	341,495	351,020	360,545	0.5
10	202,525	207,850	213,175	0.5
20	123,665	126,740	129,815	0.5
25	97,650	100,000	102,350	0.5
30	77,609	79,422	81,234	0.5
40	49,945	51,048	52,150	0.5
50	32,906	33,591	34,276	0.5
60	22,152	22,590	23,027	0.5
70	15,217	15,502	15,787	0.5
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-017