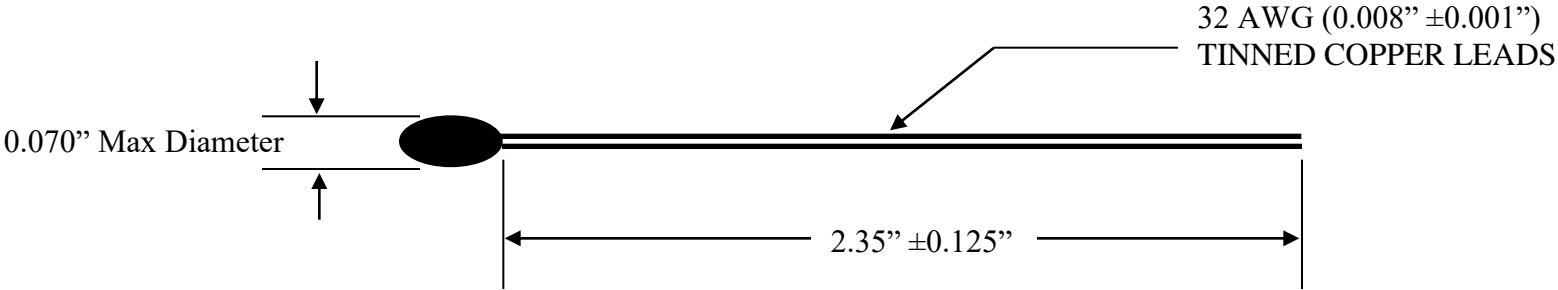


PART NUMBER: ACW-016




ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	50,000Ω (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-016

RESISTANCE VS. TEMPERATURE TABLE				
TEMPERATURE °C	RESISTANCE LIMITS (OHMS)			TEMPERATURE ACCURACY (± °C)
	MINIMUM	NOMINAL	MAXIMUM	
-40		2,007,700		
-30		1,032,000		
-20		551,720		
-10		305,940		
0	170,735	175,510	180,285	0.5
10	101,245	103,920	106,595	0.5
20	61,840	63,370	64,900	0.5
25	48,827	50,000	51,172	0.5
30	38,806	39,711	40,616	0.5
40	24,974	25,524	26,074	0.5
50	16,452	16,795	17,137	0.5
60	11,077	11,295	11,512	0.5
70	7,607.9	7,750.9	7,893.9	0.5
80		5,418.7		
90		3,853.9		
100		2,784.6		
110		2,041.5		
120		1,516.7		
130		1,140.5		
140		867.16		
150		665.94		

DRAWN BY: C. Terry		 AMETHERM <i>Circuit Protection Thermistors</i>
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ORIG. C. Terry	APPR: M. Samii	ACCU-CURVE THERMISTOR
SHEET 2 of 2		ACW-016