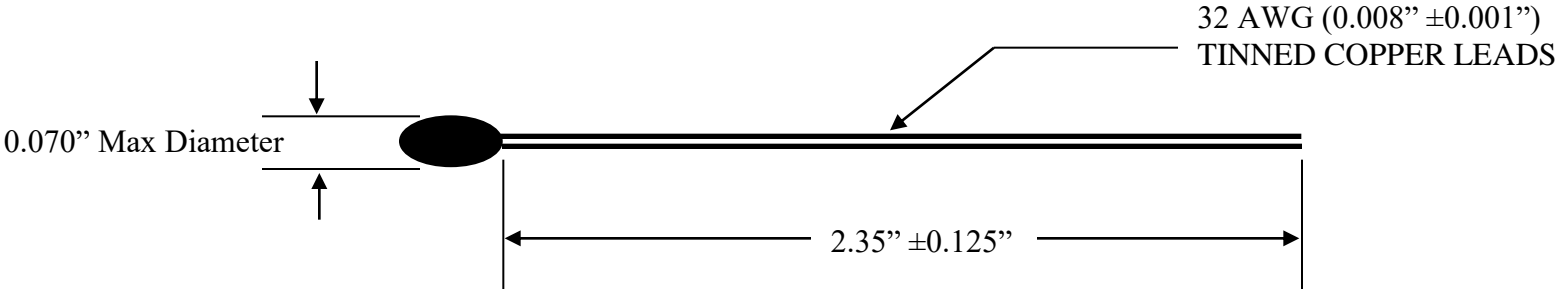



# PART NUMBER: ACW-007




## ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	100,000Ω (See R/T Table Sheet 2)
Temperature tolerance from 0°C to 70°C	±0.2°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		 <b>AMETHERM</b> <i>Circuit Protection Thermistors</i>
DATE: 5/10/16	REV: 0	
ORIG. C. Terry	APPR: M. Samii	ACCU-CURVE THERMISTOR
SHEET 1 of 2		ACW-007

<b>RESISTANCE VS. TEMPERATURE TABLE</b>				
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	347,250	351,020	354,830	0.2
10	205,740	207,850	209,980	0.2
20	125,520	126,740	127,970	0.2
25	99,071	100,000	100,940	0.2
30	78,704	79,422	80,147	0.2
40	50,612	51,048	51,489	0.2
50	33,319	33,591	33,865	0.2
60	22,417	22,590	22,765	0.2
70	15,389	15,502	15,616	0.2
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		

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SHEET 2 of 2		ACW-007