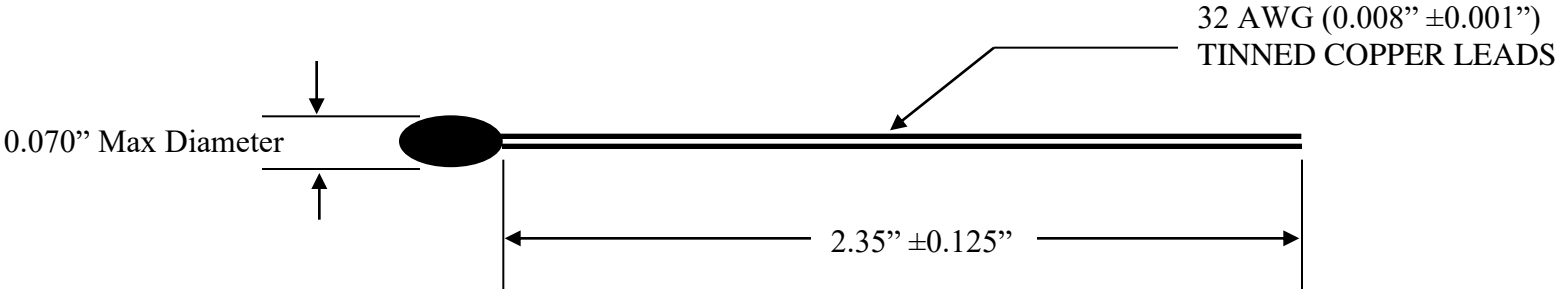


# PART NUMBER: ACW-107




## ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	100,000Ω (See R/T Table Sheet 2)
Temperature tolerance from 0°C to 70°C	±0.1°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
Optional color code	Violet

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-107

<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	349,115	351,020	352,925	0.1
10	206,785	207,850	208,915	0.1
20	126,125	126,740	127,355	0.1
25	99,530	100,000	100,470	0.1
30	79,059	79,422	79,784	0.1
40	50,827	51,048	51,268	0.1
50	33,454	33,591	33,728	0.1
60	22,502	22,590	22,677	0.1
70	15,445	15,502	15,559	0.1
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-107