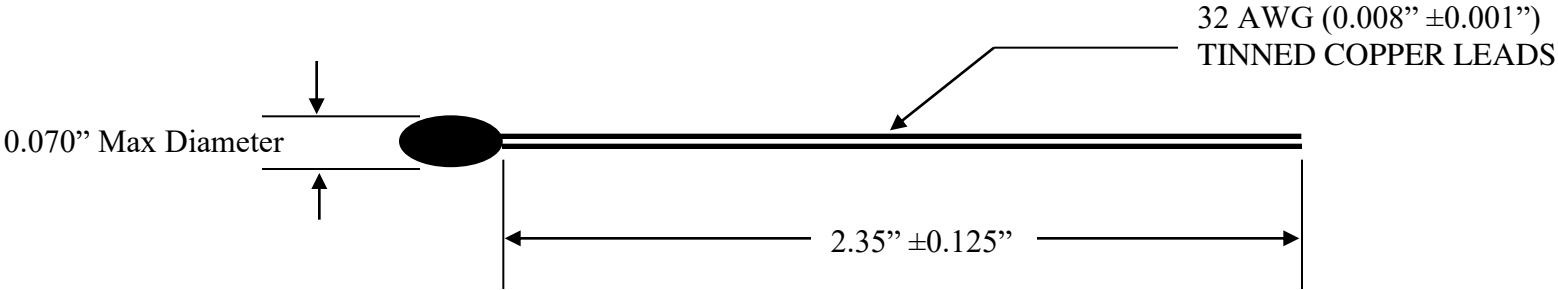



# PART NUMBER: ACW-105




## ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	30,000Ω (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

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-105

<b>RESISTANCE VS. TEMPERATURE TABLE</b>				
TEMPERATURE °C	RESISTANCE LIMITS (OHMS)			TEMPERATURE ACCURACY (± °C)
	MINIMUM	NOMINAL	MAXIMUM	
-40		1,204,600		
-30		619,200		
-20		331,030		
-10		183,560		
0	104,740	105,310	105,880	0.1
10	62,034	62,354	62,673	0.1
20	37,838	38,022	38,205	0.1
25	29,859	30,000	30,140	0.1
30	23,718	23,827	23,935	0.1
40	15,248	15,314	15,380	0.1
50	10,036	10,077	10,118	0.1
60	6,750.8	6,777.1	6,803.3	0.1
70	4,633.3	4,650.5	4,667.6	0.1
80		3,251.2		
90		2,312.3		
100		1,670.8		
110		1,224.9		
120		909.99		
130		684.31		
140		520.30		
150		399.56		

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SHEET 2 of 2		ACW-105