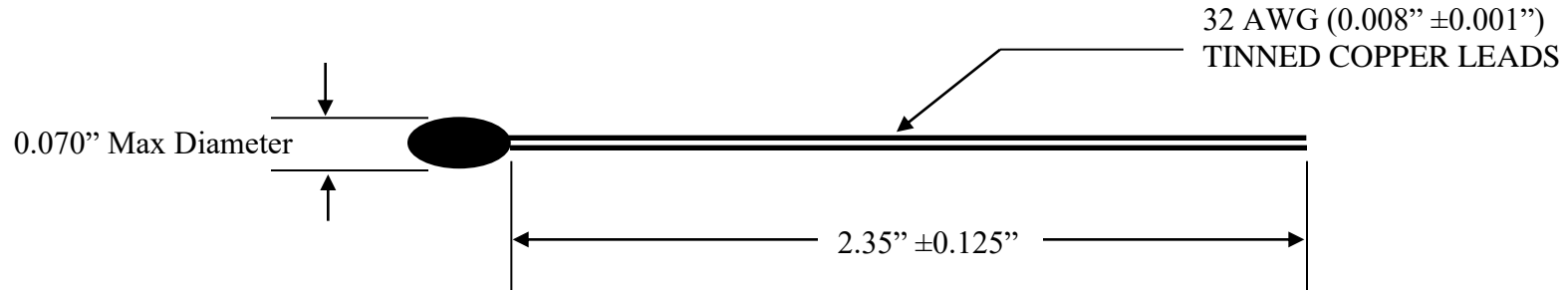



# PART NUMBER: ACC-023




## ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	5,000Ω (See R/T Table Sheet 2)
Temperature tolerance from 0°C to 70°C	±1.0°C
Dissipation Constant	1mW / °C minimum
Thermal Time Constant	3.5 seconds nominal
Beta (0°C / 50°C)	3892°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	ACC-CURVE THERMISTOR
SHEET 1 of 2		ACC-023

<b>RESISTANCE VS. TEMPERATURE TABLE</b>				
TEMPERATURE °C	RESISTANCE LIMITS (OHMS)			TEMPERATURE ACCURACY (± °C)
	MINIMUM	NOMINAL	MAXIMUM	
-40		168,250		
-30		88,500		
-20		48,535		
-10		27,665		
0	15,487.0	16,325	17,163.0	1.0
10	9,470.0	9,950.0	10,430.0	1.0
20	5,961.5	6,245.0	6,528.5	1.0
25	4,780.0	5,000.0	5,220.0	1.0
30	3,856.0	4,028.5	4,201.0	1.0
40	2,555.8	2,663.3	2,770.8	1.0
50	1,732.5	1,801.5	1,870.5	1.0
60	1,199.0	1,244.0	1,289.0	1.0
70	846.0	876.0	906.0	1.0
80		627.50		
90		457.65		
100		339.15		
110		255.15		
120		194.65		
130		150.47		
140		117.64		
150		92.985		

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ORIG. C. Terry	APPR: M. Samii	ACCU-CURVE THERMISTOR
SHEET 2 of 2		ACC-023