



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

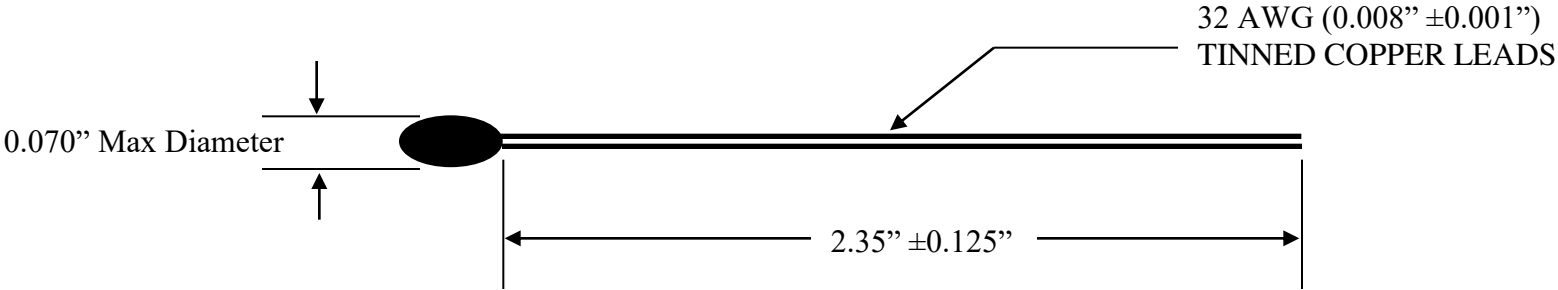
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# PART NUMBER: ACW-017




## ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	100,000Ω (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		 <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-017

<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	341,495	351,020	360,545	0.5
10	202,525	207,850	213,175	0.5
20	123,665	126,740	129,815	0.5
25	97,650	100,000	102,350	0.5
30	77,609	79,422	81,234	0.5
40	49,945	51,048	52,150	0.5
50	32,906	33,591	34,276	0.5
60	22,152	22,590	23,027	0.5
70	15,217	15,502	15,787	0.5
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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