



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

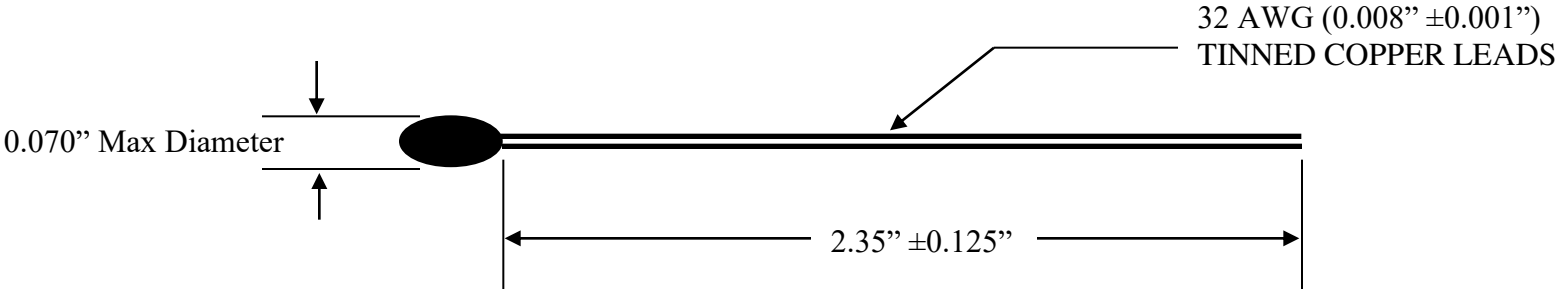
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PART NUMBER: ACW-106




ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	50,000Ω (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		 AMETHERM <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-106

RESISTANCE VS. TEMPERATURE TABLE				
TEMPERATURE °C	RESISTANCE LIMITS (OHMS)			TEMPERATURE ACCURACY (± °C)
	MINIMUM	NOMINAL	MAXIMUM	
-40		2,007,700		
-30		1,032,000		
-20		551,720		
-10		305,940		
0	174,555	175,510	176,465	0.1
10	103,385	103,920	104,455	0.1
20	63,064	63,370	63,676	0.1
25	49,765	50,000	50,234	0.1
30	39,530	39,711	39,892	0.1
40	25,414	25,524	25,634	0.1
50	16,716	16,795	16,863	0.1
60	11,251	11,295	11,338	0.1
70	7,722.3	7,750.9	7,779.5	0.1
80		5,418.7		
90		3,853.9		
100		2,784.6		
110		2,041.5		
120		1,516.7		
130		1,140.5		
140		867.16		
150		665.94		

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