



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

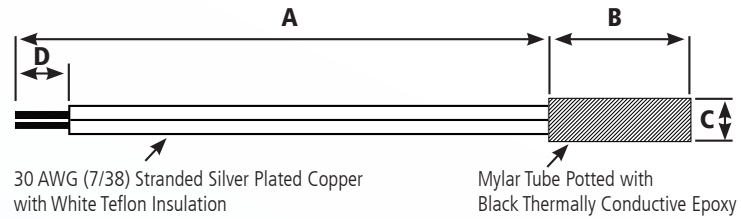


ELECTRICAL SPECIFICATIONS

Parameter	Unit	Value
Resistance @ 25°C	Ohms	15,000
Tolerance from +25°C to 95°C	°C	± 0.1
Alpha @ 25°C	%/°C	-4.39
Beta Value _{0/50}	K	3892
Dissipation Constant	mW/°C	0.5 approx. in still air

Parameter	Unit	Value
Time Constant	mS	400 in well stirred oil bath
Steinhart-Hart Coefficients	Nominal Value	
	A	1.037284 E-03
	B	2.331722 E-04
	C	8.389599 E-08

MECHANICAL DETAILS



Dimension			
A	B	C	D
152 ± 5 mm	5 mm Max	1.6 mm Max	6 ± 1 mm

Americas: +1.800.843.4556
Europe: +49.8031.2460.0
Asia: +86.755.2714.1166

CLV-customerservice@lairdtech.com
www.lairdtech.com/thermal

RESISTANCE / TEMPERATURE CHART

Temp (°C)	Res Ω	Temp (°C)	Res Ω	Temp (°C)	Res Ω
-20.0	145531.8	21.0	17914.4	62.0	3472.9
-19.0	137348.5	22.0	17129.8	63.0	3351.6
-18.0	129674.7	23.0	16384.0	64.0	3235.3
-17.0	122475.7	24.0	15674.7	65.0	2123.5
-16.0	115719.6	25.0	15000.0	66.0	3016.2
-15.0	109376.5	26.0	14358.1	67.0	2913.1
-14.0	103419.1	27.0	13747.1	68.0	2814.1
-13.0	97821.6	28.0	13165.5	69.0	2718.9
-12.0	92560.2	29.0	12611.7	70.0	2627.4
-11.0	87613.3	30.0	12084.2	71.0	2539.5
-10.0	82959.9	31.0	11581.6	72.0	2454.9
-9.0	78581.2	32.0	11102.6	73.0	2373.6
-8.0	74459.4	33.0	10646.0	74.0	2295.3
-7.0	70578.0	34.0	10210.7	75.0	2220.1
-6.0	66921.8	35.0	9795.5	76.0	2147.6
-5.0	63476.4	36.0	9399.5	77.0	2077.9
-4.0	60228.5	37.0	9021.6	78.0	2010.9
-3.0	57165.7	38.0	8660.9	79.0	1946.3
-2.0	54276.5	39.0	8316.5	80.0	1884.1
-1.0	51550.1	40.0	7987.7	81.0	1824.1
0.0	48976.5	41.0	7673.6	82.0	1766.4
1.0	46546.2	42.0	7373.5	83.0	1710.8
2.0	44250.6	43.0	7086.8	84.0	1657.2
3.0	42081.4	44.0	6812.7	85.0	1605.6
4.0	40031.0	45.0	6550.7	86.0	1555.8
5.0	38092.3	46.0	6300.1	87.0	1507.8
6.0	36258.5	47.0	6060.5	88.0	1461.5
7.0	34523.5	48.0	5831.2	89.0	1416.9
8.0	32881.4	49.0	5611.8	90.0	1373.8
9.0	31326.8	50.0	5401.8	91.0	1332.3
10.0	29854.5	51.0	5200.7	92.0	1292.2
11.0	28459.7	52.0	5008.2	93.0	1253.5
12.0	27138.0	53.0	4823.8	94.0	1216.2
13.0	25885.1	54.0	4647.1	95.0	1180.1
14.0	24697.1	55.0	4477.8	96.0	1145.3
15.0	23570.2	56.0	4315.6	97.0	1111.7
16.0	22501.2	57.0	4160.1	98.0	1079.2
17.0	21486.6	58.0	4011.0	99.0	1047.8
18.0	20523.4	59.0	3868.0	100.0	1017.5
19.0	19608.7	60.0	3730.8		
20.0	18739.9	61.0	3599.2		

THR-DS-TC-NTC-2 0413

Any information furnished by Laird Technologies, Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird Technologies materials rests with the end user, since Laird Technologies and its agents cannot be aware of all potential uses. Laird Technologies makes no warranties as to the fitness, merchantability or suitability of any Laird Technologies materials or products for any specific or general uses. Laird Technologies shall not be liable for incidental or consequential damages of any kind. All Laird Technologies products are sold pursuant to the Laird Technologies' Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2013 Laird Technologies, Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Technologies Logo, and other marks are trade marks or registered trade marks of Laird Technologies, Inc. or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Technologies or any third party intellectual property rights.