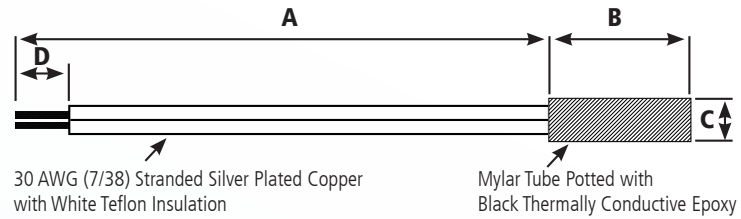


ELECTRICAL SPECIFICATIONS

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

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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

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