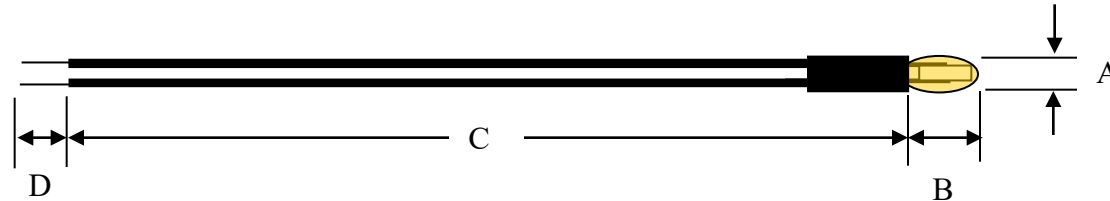


Part Number: PANG 103395




Electrical Specifications:

Resistance @ 25°C	10kΩ ± 2%
Temperature Coefficient of Resistance	-4.40 % / °C
Operating Temperature Range	-40°C to + 250°C
Dissipation Constant	3.0 mW/°C
Thermal Time Constant	6 seconds
Material Constant (Beta)	3950°K ± 1%
MSL (moisture sensitivity level)	#2

Mechanical Specifications:

A	1.5mm ±0.2mm
B	4.0mm ±0.5mm
Lead Diameter	24 AWG (0.5 mm)
C	100mm ±2.0mm
D	4.5mm nom


Rev:	Date:	Changes Made:
0	10/4/16	Issue

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DATE: 10/4/16	REV: 0	
ORIG. M Samii	APPR: M Samii	NTC THERMISTOR PROBE
SHEET 1 of 2		PANG 103395

RESISTANCE VS TEMPERATURE CURVE

Temp. (°C)	Rt / R25 Nominal	Temp. Coef (% / °C)
-40	31.44855	6.46
-35	22.89318	6.25
-30	16.83443	6.05
-25	12.49793	5.87
-20	9.36276	5.69
-15	7.07441	5.52
-10	5.38899	5.37
-5	4.13692	5.21
0	3.19916	5.01
5	2.49993	4.86
10	1.96799	4.72
15	1.56013	4.58
20	1.24509	4.45
25	1.00000	4.32
30	0.80804	4.21
35	0.65672	4.09
40	0.53670	3.98
45	0.44094	3.88
50	0.36410	3.78
55	0.30218	3.68
60	0.25201	3.59
65	0.21114	3.49
70	0.17769	3.41
75	0.15017	3.32
80	0.12743	3.24
85	0.10856	3.17
90	0.09283	3.09
95	0.07967	3.02
100	0.06862	2.95

Temp. (°C)	Rt / R25 Nominal	Temp. Coef (% / °C)
105	0.05931	2.88
110	0.05143	2.82
115	0.04475	2.75
120	0.03907	2.69
125	0.03421	2.63
130	0.03004	2.57
135	0.02646	2.51
140	0.02337	2.46
145	0.02069	2.41
150	0.01837	2.38
155	0.01633	2.32
160	0.01456	2.27
165	0.01301	2.22
170	0.01166	2.17
175	0.01047	2.12
180	0.00943	2.08
185	0.00851	2.03
190	0.00769	1.99
195	0.00697	1.95
200	0.00633	1.93
205	0.00575	1.90
210	0.00524	1.86
215	0.00478	1.82
220	0.00437	1.79
225	0.00400	1.75
230	0.00366	1.72
235	0.00336	1.69
240	0.00309	1.66
245	0.00285	1.63
250	0.00263	1.60

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ORIG. M Samii	APPR: M Samii	NTC THERMISTOR PROBE
SHEET 2 of 2		PANG 103395