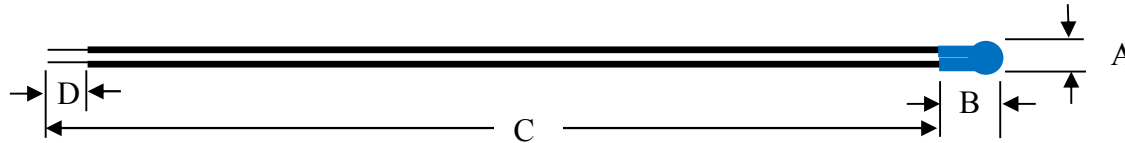


Part Number: PANE 501350




Electrical Specifications:

Resistance @ 25°C	500 Ω ± 10%
Temperature Coefficient of Resistance	-3.93 % / °C
Operating Temperature Range	-50°C to + 150°C
Dissipation Constant	1.4mW/°C
Thermal Time Constant	15 seconds
Material Constant (Beta)	3450°K ± 1%

Mechanical Specifications:

A	3.0 mm Diam. ±0.5mm
B	5.0 mm ± 1.5mm
C	152.4 mm ± 10.0mm
D	5.0 mm Nom,
Lead Diameter	24 AWG (0.5mm) Stranded, Teflon Insulated


Rev :	Changes Made:
0	

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DATE: 11/30/15	REV: 0	
ORIG. M Samii	APPR: M Samii	NTC THERMISTOR PROBE
SHEET 1 of 2		PANE 501350

RESISTANCE VS TEMPERATURE CURVE

Temp. (°C)	Rt / R25 Nominal
-40	21.1276
-35	15.8281
-30	12.0257
-25	9.2358
-20	7.1565
-15	5.5894
-10	4.3979
-5	3.4856
0	2.7823
5	2.2367
10	1.8108
15	1.4760
20	1.2111
25	1.0000
30	0.8306
35	0.6936
40	0.5820
45	0.4906
50	0.4150
55	0.3526
60	0.3010
65	0.2580
70	0.2221
75	0.1920
80	0.1666
85	0.1451
90	0.1269
95	0.1113
100	0.0979

Temp. (°C)	Rt / R25 Nominal
105	0.0864
110	0.0765
115	0.0679
120	0.0604
125	0.0538
130	0.0481
135	0.0413
140	0.0370
145	0.0347
150	0.0313

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SHEET 2 of 2		PANE 501350