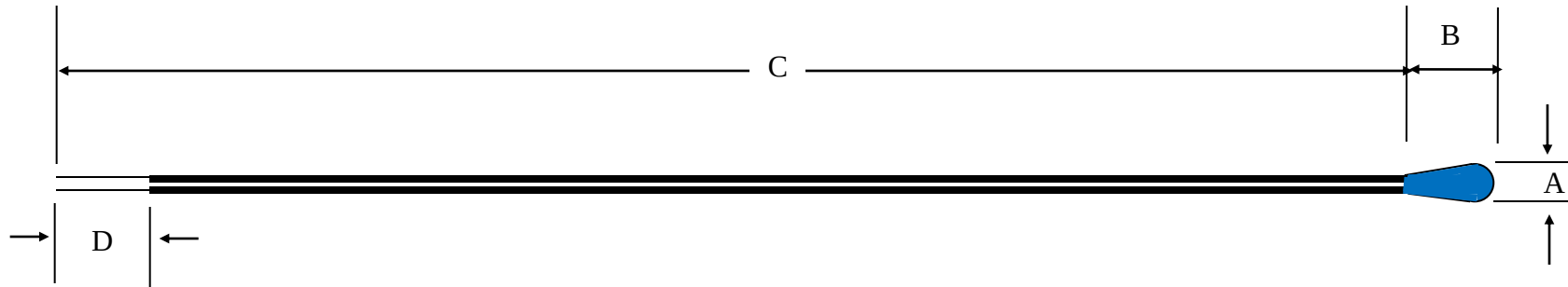


Part Number: PANE 104450



Electrical Specifications:

Resistance @ 25°C	100 kΩ ±5%
Temperature Coefficient of Resistance	-4.79 % / °C
Operating Temperature Range	-40°C to +150°C
Dissipation Constant	7.2 mW / °C
Thermal Time Constant	10 seconds
Beta (25/85)	4250°K ±2%
ROHS Compliant	Yes

Mechanical Specifications:

A	3.0mm Diameter ± 0.3mm
B	6.0mm ± 0.5mm
C	165mm ± 12.0mm
D	6.0 mm Nom
Lead Wire Gauge	24AWG. Teflon Insulated, Solid

Rev:	Date:	Changes Made:
0	10/3/22	Issue

DRAWN BY: C. Terry		AMETHERM <i>Circuit Protection Thermistors</i>
DATE: 10/3/22	REV: 0	
ORIG. C. Terry	APPR: M SAMII	NTC THERMISTOR PROBE
SHEET 1 of 2		PANE 104450

RESISTANCE VS TEMPERATURE CURVE

Temperature (°C)	Rnom (kΩ)	Temperature (°C)	Rnom (kΩ)
-40	3763.85	60	22.7770
-35	2704.08	65	18.8228
-30	1962.01	70	15.6273
-25	1437.18	75	13.0325
-20	1062.38	80	10.9157
-15	792.24	85	9.1810
-10	595.79	90	7.7532
-5	451.69	95	6.5731
0	345.119	100	5.5937
5	265.675	105	4.7776
10	205.996	110	4.0951
15	160.834	115	3.5221
20	126.413	120	3.0394
25	100.000	125	2.6312
30	79.597	130	2.4625
35	63.735	135	2.1619
40	51.328	140	1.9037
45	41.566	145	1.6812
50	33.8414	150	1.4889
55	27.6944		

DRAWN BY: C. Terry

DATE: 10/3/22

ORIG. C. Terry

SHEET 2 of 2

REV: 0

APPR: M SAMII

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Circuit Protection Thermistors

NTC THERMISTOR PROBE

PANE 104450