



Part Number: PANE 103350



Electrical Specifications

Resistance @ 25° C	10 kΩ ±5%
Temperature Coefficient of Resistance	-3.90% / °C
Operating Temperature Range	-40 °C to 150 °C
Dissipation Constant	3 mW / °C
Thermal Time Constant	6 seconds
Beta (25/85)	3435 °K ±2%
ROHS Compliant	Yes
MSL (moisture sensitivity level)	1

Mechanical Specifications


A	∅ 3.5mm Max
B	6.5mm Max
C	152.4mm ±5.0mm
D	6.0mm Nom
Lead Wire Gauge	26AWG UL4413 XLPE, Stranded

Rev:	Date:	Change:
0	3/7/24	Issue

DRAWN BY: C. Terry		AMETHEM Circuit Protection Thermistors
DATE: 3/7/24	REV: 0	
ORIG. C. Terry	APPR: M. Samii	NTC THERMISTOR PROBE
SHEET 1 of 2		PANE 103350

RESISTANCE VS TEMPERATURE CURVE

Temperature (°C)	Rnom (KΩ)	Temperature (°C)	Rnom (KΩ)
-40	211.276	60	3.010
-35	158.281	65	2.580
-30	120.257	70	2.221
-25	92.358	75	1.920
-20	71.565	80	1.666
-15	55.894	85	1.451
-10	43.979	90	1.269
-5	34.856	95	1.113
0	27.823	100	0.979
5	22.367	105	0.864
10	18.108	110	0.765
15	14.760	115	0.679
20	12.111	120	0.604
25	10.000	125	0.538
30	8.306	130	0.481
35	6.936	135	0.431
40	5.820	140	0.386
45	4.906	145	0.347
50	4.150	150	0.313
55	3.526		

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SHEET 2 of 2		PANE 103350