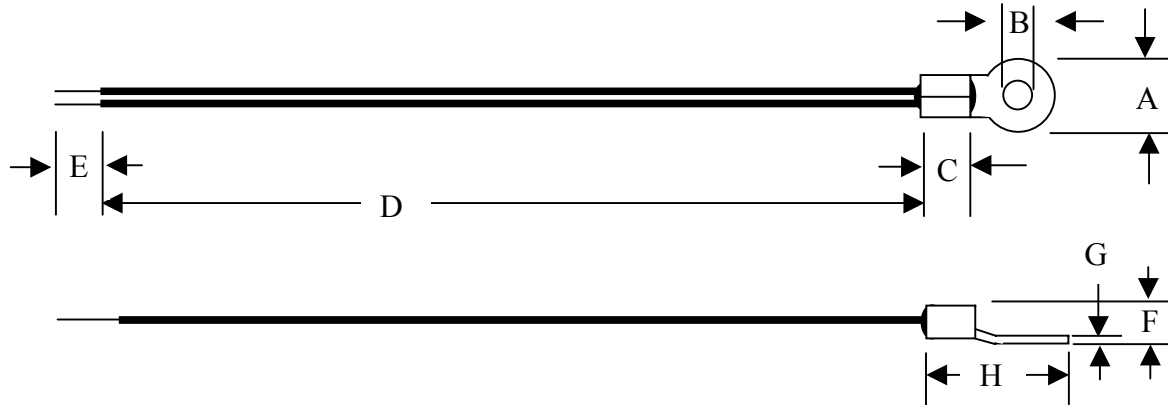


Part Number: PANR 103350F-511




Electrical Specifications

Resistance @ 25°C	10kΩ ±1%
Temperature Coefficient of Resistance	-3.90% / °C
Operating Temperature Range	-40°C to 150°C
Dissipation Constant	≥ 0.5 mW / °C
Thermal Time Constant	25 seconds
Material Constant (Beta)	3435 °K ± 2 %
ROHS Compliant	Yes
Maximum Continuous Power	30 mW

Mechanical Specifications

A	7.2 mm ±0.5mm
B	3.5 mm ±0.2mm
C	7.0 mm ±0.5mm
D	500.0 mm ± 20.0mm
E	6.0 mm Nom
F	5.5 mm ± 0.5mm
G	0.8 mm ± 0.1mm
H	17.0 mm ± 0.5mm
Lead Wire Gauge	XLPE UL4413 26AWG Stranded
Ring Lug	#6 Stud


Rev:	Date:	Change:
0	1/2/18	Issue

DRAWN BY: C. Terry		 AMETHERM <i>Circuit Protection Thermistors</i>
DATE: 1/2/18	REV: 0	
ORIG. C. Terry	APPR: M. Samii	NTC THERMISTOR PROBE
SHEET 1 of 2		PANR 103350F-511

RESISTANCE VS TEMPERATURE TABLE

Temp. (°C)	Rt / R25 Nominal	Temp. Coef (% / °C)
-40	23.818529	6.02
-35	17.720876	5.81
-30	13.319172	5.61
-25	10.107437	5.43
-20	7.740087	5.25
-15	5.978303	5.08
-10	4.655210	4.93
-5	3.652971	4.78
0	2.887539	4.61
5	2.302674	4.45
10	1.850087	4.31
15	1.497067	4.17
20	1.219622	4.03
25	1.000000	3.91
30	0.824955	3.79
35	0.684527	3.68
40	0.571165	3.57
45	0.479108	3.46
50	0.403925	3.35
55	0.342567	3.25
60	0.291930	3.15
65	0.249925	3.06
70	0.214908	2.98
75	0.185577	2.89
80	0.160897	2.82
85	0.140040	2.74
90	0.122339	2.67
95	0.107257	2.60
100	0.094356	2.52

Temp. (°C)	Rt / R25 Nominal	Temp. Coef (% / °C)
105	0.083337	2.45
110	0.073839	2.39
115	0.065624	2.33
120	0.058494	2.27
125	0.052288	2.22
130	0.046867	2.16
135	0.042119	2.11
140	0.037948	2.06
145	0.034274	2.01
150	0.031029	1.96
155	0.028158	1.92
160	0.025608	1.88
165	0.023337	1.84
170	0.021311	1.80
175	0.019499	1.76
180	0.017875	1.72
185	0.016417	1.68
190	0.015104	1.65
195	0.013920	1.62
200	0.012850	1.58
205	0.011885	1.55
210	0.011010	1.51
215	0.010214	1.49
220	0.009490	1.46
225	0.008830	1.43
230	0.008227	1.40
235	0.007675	1.38
240	0.007170	1.35
245	0.006706	1.33
250	0.006280	1.30

DRAWN BY: C. Terry		
DATE: 1/2/18	REV: 0	
ORIG. C. Terry	APPR: M. Samii	NTC THERMISTOR PROBE
SHEET 2 of 2		PANR 103350F-511