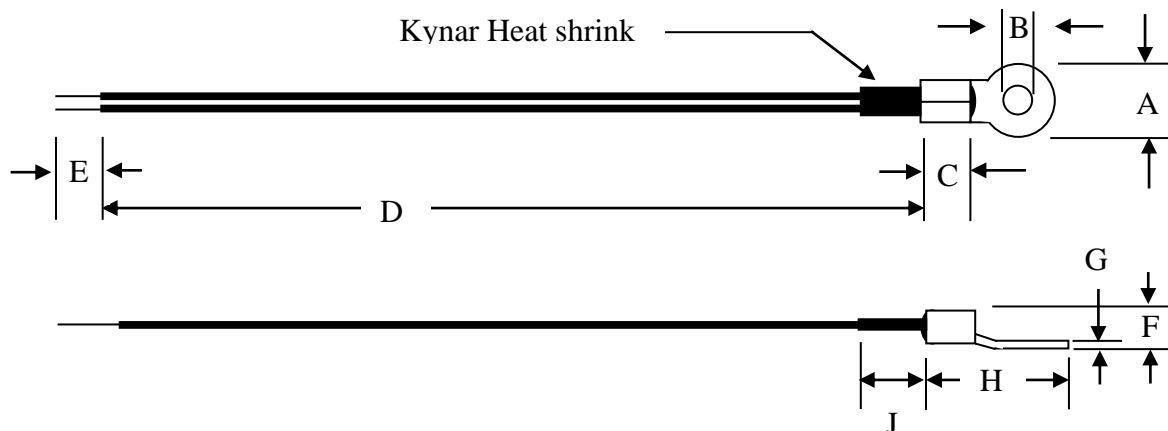




Part Number: PANR 103350



Electrical Specifications

Resistance @ 25°C	10kΩ ±2%
Temperature Coefficient of Resistance	-3.90% / °C
Operating Temperature Range	-40°C to 150°C
Dissipation Constant	3 mW / °C
Thermal Time Constant	10 seconds
Beta (25/85)	3435 °K ±1 %
Dielectric Withstand Voltage	2,000 VAC
UL Rated Dielectric Withstand Voltage	1,000 VAC
ROHS Compliant	Yes
MSL (Moisture Sensitivity Level)	1

Mechanical Specifications


A	9.5mm ±0.1mm
B	3.7mm ±0.1mm
C	6.6mm ±0.5mm
D	152.4mm ± 10.0mm
E	6.0mm Nom
F	6.0mm ± 0.5mm
G	1.0mm ± 0.1mm
H	18.2mm ± 0.5mm
J	7.0mm Nom
Lead Wire Gauge	24awg Teflon Insulated, Stranded
Ring Lug	#6 Stud

Rev:	Date:	Change:
0	3/20/17	Issue
1	4/20/23	Revise Mechanical specs

DRAWN BY: C. Terry		 AMETHEM <i>Circuit Protection Thermistors</i>
DATE: 3/20/17	REV: 1	
ORIG. C. Terry	APPR: M. Samii	NTC THERMISTOR PROBE
SHEET 1 of 2		PANR 103350

RESISTANCE VS TEMPERATURE TABLE

Temperature (°C)	Rmin (KΩ)	Rnom (KΩ)	Rmax (KΩ)	Temperature (°C)	Rmin (KΩ)	Rnom (KΩ)	Rmax (KΩ)
-40	191.641	201.514	211.811	60	2.929	3.025	3.122
-35	146.991	154.15	161.593	65	2.510	2.596	2.684
-30	113.500	118.718	124.126	70	2.158	2.236	2.315
-25	87.587	91.374	95.287	75	1.863	1.932	2.004
-20	68.111	70.876	73.723	80	1.613	1.676	1.740
-15	53.371	55.400	57.484	85	1.402	1.458	1.516
-10	42.135	43.633	45.166	90	1.222	1.272	1.325
-5	33.511	34.622	35.755	95	1.068	1.114	1.161
0	26.844	27.672	28.514	100	0.936	0.978	1.021
5	21.655	22.275	22.903	105	0.824	0.861	0.900
10	17.589	18.054	18.525	110	0.726	0.761	0.796
15	14.382	14.732	15.085	115	0.642	0.674	0.706
20	11.835	12.100	12.365	120	0.570	0.598	0.627
25	9.800	10.000	10.200	125	0.507	0.533	0.559
30	8.112	8.293	8.474	130	0.452	0.475	0.500
35	6.758	6.921	7.085	135	0.404	0.426	0.448
40	5.662	5.809	5.958	140	0.362	0.382	0.402
45	4.769	4.901	5.035	145	0.326	0.344	0.363
50	4.036	4.155	4.275	150	0.293	0.310	0.327
55	3.431	3.538	3.646				

DRAWN BY: C. Terry		 AMETHERM <i>Circuit Protection Thermistors</i>
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SHEET 2 of 2		PANR 103350