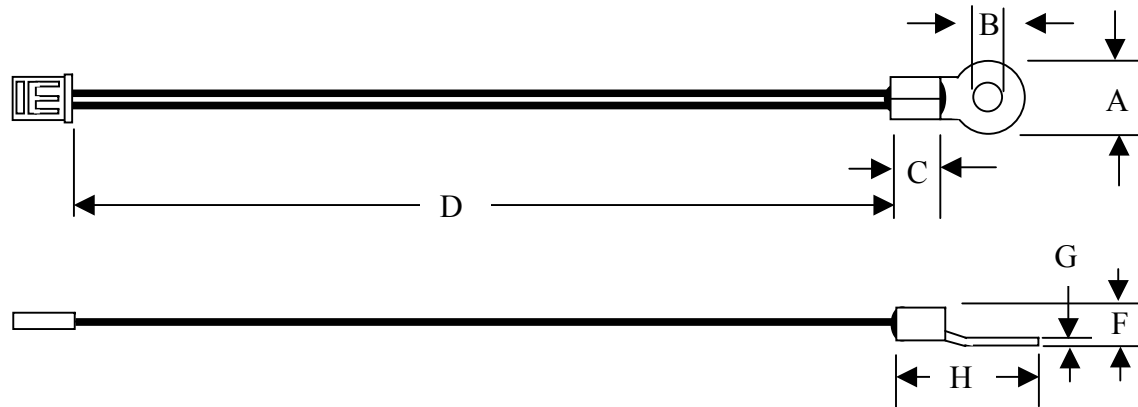


Part Number: PANR 103350-558




Electrical Specifications

Resistance @ 25° C	10 kΩ ±1%
Temperature Coefficient of Resistance	-3.90% / °C
Operating Temperature Range	-40 °C to 150 °C
Dissipation Constant	3 mW / °C
Thermal Time Constant	30 seconds
Beta (25/85)	3435 °K ± 1 %
Dielectric Withstanding Voltage	1500 VAC for 1 Min.
ROHS Compliant	Yes
MSL (moisture sensitivity level)	1

Mechanical Specifications

A	9.5mm ±0.2mm
B	4.3mm ±0.1mm
C	6.5mm ±0.5mm
D	70.0mm ± 10.0mm
F	5.6mm ± 0.5mm
G	0.8mm ± 0.2mm
H	19.9mm ± 1.0
Lead Wire Gauge	24AWG UL3266 XLPE Wire
Ring Lug	M4 Stud
Housing	Cvilux P/N CI0602S0000 (Black)
Terminals	Cvilux P/N CI06T011PE0


Rev:	Date:	Change:
0	3/1/19	Issue
1	3/7/19	Added connector

DRAWN BY: C. Terry		 AMETHERM <i>Circuit Protection Thermistors</i>
DATE: 3/1/19	REV: 1	
ORIG. C. Terry	APPR: M. Samii	NTC THERMISTOR PROBE
SHEET 1 of 2		PANR 103350-558

RESISTANCE VS TEMPERATURE CURVE

Temp. (°C)	Rt / R25 Nominal	Temp. Coef (% / °C)
-40	21.128	-6.00
-35	15.828	-5.76
-30	12.026	-5.54
-25	9.236	-5.34
-20	7.157	-5.15
-15	5.589	-4.97
-10	4.398	-4.79
-5	3.486	-4.63
0	2.782	-4.47
5	2.237	-4.31
10	1.811	-4.17
15	1.476	-4.03
20	1.211	-3.90
25	1.000	-3.86
30	0.8306	-3.65
35	0.6936	-3.54
40	0.5820	-3.44
45	0.4906	-3.34
50	0.4150	-3.25
55	0.3526	-3.16
60	0.3010	-3.07

Temp. (°C)	Rt / R25 Nominal	Temp. Coef (% / °C)
65	0.2580	-2.99
70	0.2221	-2.91
75	0.1920	-2.83
80	0.1666	-2.75
85	0.1451	-2.68
90	0.1269	-2.61
95	0.1113	-2.54
100	0.0979	-2.48
105	0.0864	-2.41
110	0.0765	-2.35
115	0.0679	-2.30
120	0.0604	-2.24
125	0.0538	-2.19
130	0.0481	-2.14
135	0.0431	-2.09
140	0.0386	-2.04
145	0.0347	-2.00
150	0.0313	-1.95

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SHEET 2 of 2		PANR 103350-558