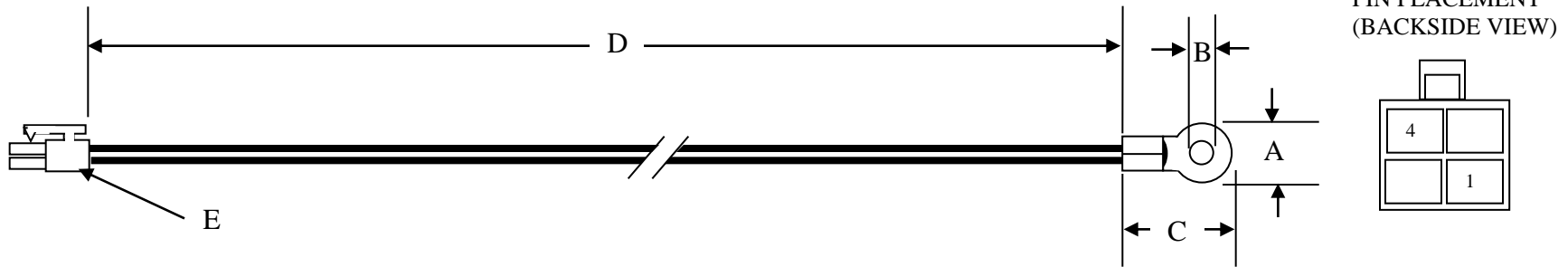




## Part Number: PANR 303395-763




### Electrical Specifications:

Resistance @ 25°C	30 kΩ ±1%
Temperature Coefficient of Resistance	-4.43 % / °C
Operating Temperature Range	-50°C to +150°C
Dissipation Constant	3 mW / °C
Thermal Time Constant	10 seconds
Beta (25/50)	3950°K ±1%
Dielectric Withstand Voltage	2000 VAC
UL Rated Dielectric Withstand Voltage	1000 VAC
ROHS Compliant	Yes

### Mechanical Specifications:


A	9.5mm ±0.5mm
B	4.3mm ±0.2mm
C	19.8mm ±0.5mm
D	762.0mm ±12.7mm
E	Connector: Pin: Molex #43030-0010 Plug: Molex #43025-0400
Lead Wire Gauge	26 AWG XLPE UL4413, stranded
Ring Lug	#8 Stud

Rev:	Date:	Changes Made:
0	4/5/23	Issue

DRAWN BY: C. Terry		 <b>Circuit Protection Thermistors</b>
DATE: 4/5/23	REV: 0	
ORIG. C. Terry	APPR: M SAMII	NTC THERMISTOR PROBE
SHEET 1 of 2		PANR 303395-763

### RESISTANCE VS TEMPERATURE TABLE

Temperature (°C)	Rmin (KΩ)	Rnom (KΩ)	Rmax (KΩ)	Temperature (°C)	Rmin (KΩ)	Rnom (KΩ)	Rmax (KΩ)
-40	828.1120	865.0739	903.5951	60	7.1858	7.3611	7.5399
-35	605.4139	630.4380	656.4308	65	5.9717	6.1286	6.2889
-30	449.5574	466.7340	484.5184	70	4.9851	5.1252	5.2687
-25	337.7270	349.6193	361.8941	75	4.1799	4.3049	4.4331
-20	256.1186	264.3975	272.9167	80	3.5198	3.6312	3.7458
-15	195.8493	201.6329	207.5664	85	2.9763	3.0756	3.1779
-10	150.9309	154.9796	159.1209	90	2.5268	2.6154	2.7068
-5	117.1939	120.0305	122.9234	95	2.1534	2.2325	2.3141
0	91.6720	93.6582	95.6779	100	1.8421	1.9127	1.9857
5	72.2269	73.6143	75.0208	105	1.5813	1.6443	1.7097
10	57.3029	58.2672	59.2418	110	1.3620	1.4184	1.4770
15	45.7617	46.4262	47.0957	115	1.1769	1.22745	1.2800
20	36.7666	37.2182	37.6715	120	1.0200	1.0653	1.1125
25	29.700	30.000	30.300	125	0.8867	0.9273	0.9697
30	24.0025	24.2961	24.5909	130	0.7729	0.8094	0.8476
35	19.4740	19.7531	20.0341	135	0.6754	0.7083	0.7427
40	15.8474	16.1073	16.3699	140	0.5917	0.6213	0.6523
45	12.9225	13.1610	13.4026	145	0.5196	0.5463	0.5743
50	10.5483	10.7646	10.9843	150	0.4572	0.4814	0.5067
55	8.6863	8.8815	9.0802				

DRAWN BY: C. Terry		
DATE: 4/5/23	REV: 0	
ORIG. C. Terry	APPR: M SAMII	NTC THERMISTOR PROBE
SHEET 2 of 2		PANR 303395-763