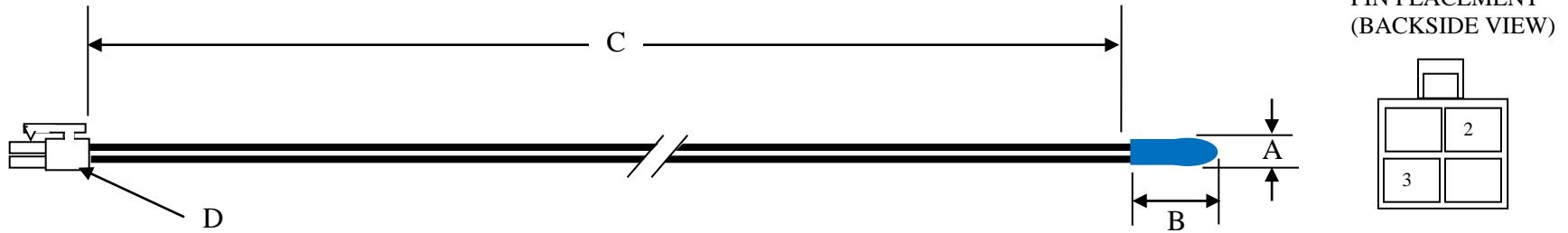




## Part Number: PANE 303395-763




### Electrical Specifications:

Resistance @ 25°C	30 kΩ ±5%
Temperature Coefficient of Resistance	-4.44 % / °C
Operating Temperature Range	-40°C to +150°C
Dissipation Constant	3 mW / °C
Thermal Time Constant	6 seconds
Beta (25/100)	3950°K ±1%
ROHS Compliant	Yes

### Mechanical Specifications:


A	3.8mm ±0.3mm
B	15.0mm ±0.5mm
C	558.8mm ±10.0mm
D	Connector: Pin: Molex #43030-0010 Plug: Molex #43025-0400
Lead Wire Gauge	26 AWG XLPE UL4413, stranded

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

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

## RESISTANCE VS TEMPERATURE CURVE

Temperature (°C)	Rnom (KΩ)	Temperature (°C)	Rnom (KΩ)
-40	977.240	60	7.580
-35	701.482	65	6.361
-30	509.528	70	5.361
-25	375.039	75	4.538
-20	279.692	80	3.857
-15	211.135	85	3.292
-10	161.118	90	2.820
-5	124.117	95	2.425
0	96.400	100	2.093
5	75.411	105	1.812
10	59.371	110	1.575
15	47.020	115	1.374
20	37.451	120	1.202
25	30.000	125	1.055
30	24.174	130	0.929
35	19.604	135	0.820
40	16.006	140	0.727
45	13.167	145	0.646
50	10.921	150	0.575
55	9.076		

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