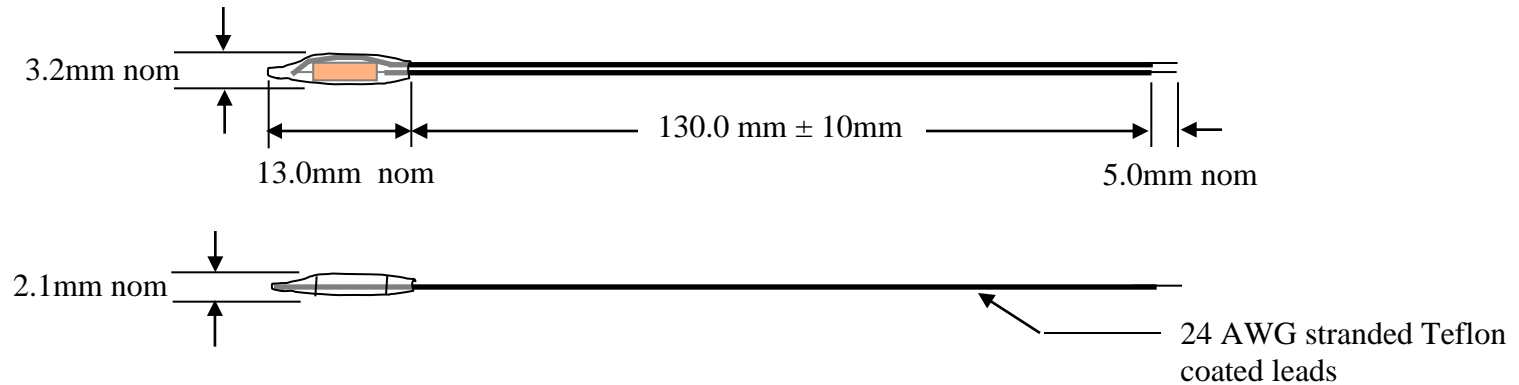



# PART NUMBER: LPTC83R-110



## ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	1000Ω ± 1%(See R/T Table Sheet 2)
Dissipation Constant	3.423 mW / °C minimum
Thermal Time Constant	7.55 seconds nominal
Max Power Rating	409.565 mW
Operating temperature range	-40°C to +150°C
Dielectric voltage rating between the lead and the body	1250VAC

Rev:	Date:	Changes Made:
0	8/25/16	Issue
1	09/31/16	Removed 0-70°C temp accuracy data irrelevant, added dielectric voltage

DRAWN BY: C. Terry		 <b>AMETHERM</b> <i>Circuit Protection Thermistors</i>
DATE: 8/25/16	REV: 0	
ORIG. C. Terry	APPR: M. Samii	LPTC THERMISTOR PROBE
SHEET 1 of 2		LPTC83R-110

### RESISTANCE VS TEMPERATURE TABLE

TEMPERATURE °C	RESISTANCE (OHMS)
-40	559.87
-30	616.35
-20	673.85
-10	741.92
0	804.95
10	885.25
20	952.15
30	1028.5
40	1104.45
50	1192.81
60	1280.35
70	1369.05
80	1460.75
90	1555.95
100	1662.5
110	1775.8
120	1877.85
130	1984.85
140	2087.65
150	2158.35

DRAWN BY: C. Terry		<b>AMETHERM</b> <i>Circuit Protection Thermistors</i>
DATE: 09/31/16	REV: 1	
ORIG. C. Terry	APPR: M. Samii	LPTC THERMISTOR PROBE
SHEET 2 of 2		LPTC83R-110