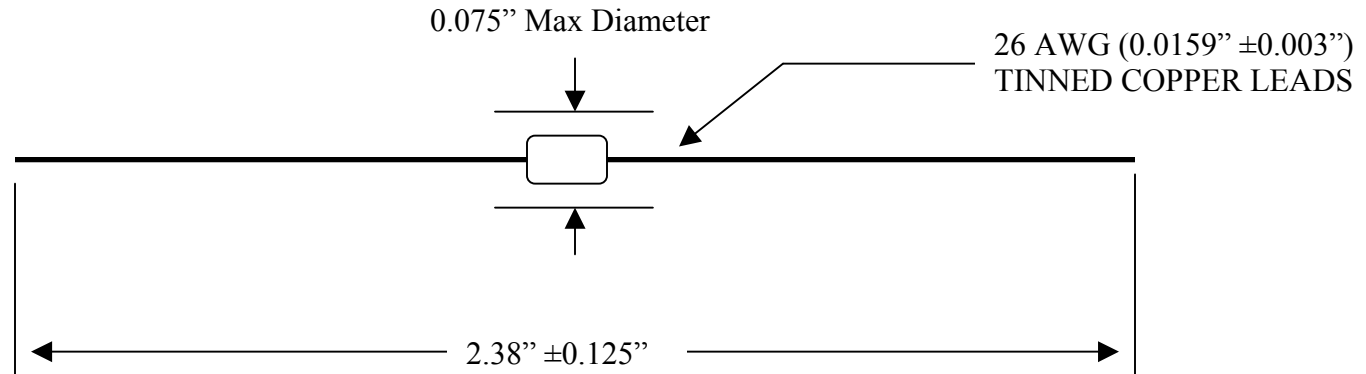



# PART NUMBER: LPTC83-110



## ELECTRICAL SPECIFICATIONS

Resistance @ 25°C	1000Ω (See R/T Table Sheet 2)
Temperature tolerance from 0°C to 70°C	0.52±°C
Dissipation Constant	3.423 mW / °C minimum
Thermal Time Constant	7.55 seconds nominal
Max Power Rating	409.565 mW
Optional color code	CG-Clear Glass

Rev:	Date:	Changes Made:
0	8/9/16	

DRAWN BY: M. Trinklein		 <b>AMETHERM</b> <i>Circuit Protection Thermistors</i>
DATE: 8/9/16	REV: 0	
ORIG. M. Trinklein	APPR:	LPTC THERMISTOR
SHEET 1 of 2		LPTC83-110

### RESISTANCE VS TEMPERATURE CURVE

TEMP. (°C)	R min (Ω)	R nom (Ω)	R max (Ω)
-55	475	490	505
-50	500	515	530
-40	552	567	582
-30	609	624	638
-20	669	684	698
-10	733	747	761
0	802	815	828
10	874	886	898
20	950	961	972
25	990	1000	1010
30	1029	1040	1051
40	1108	1122	1136
50	1192	1209	1225
60	1278	1299	1319
70	1369	1392	1416
80	1462	1490	1518
90	1559	1591	1623
100	1659	1696	1733
110	1762	1805	1847
120	1867	1915	1963
125	1919	1970	2020
130	1970	2023	2077
140	2065	2124	2184
150	2145	2211	2277

DRAWN BY: M. Trinklein		<b>AMETHERM</b> <i>Circuit Protection Thermistors</i>
DATE: 8/9/16	REV: 0	
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SHEET 2 of 2		LPTC83-110