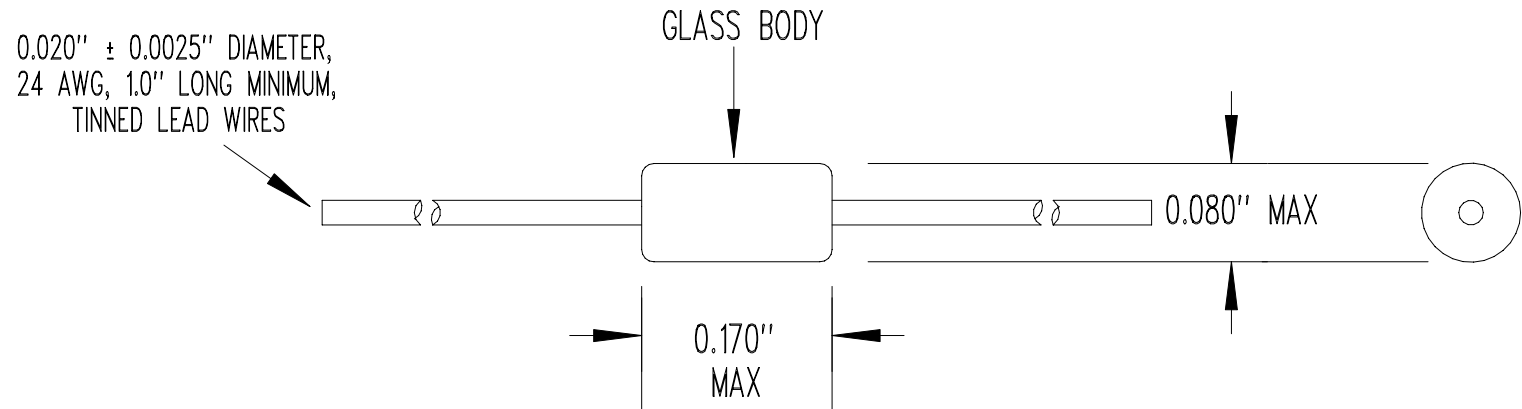




TEMP (°C)	RESISTANCE (Ω) NOMINAL
-40	998
-30	1,073
-20	1,153
-10	1,242
0	1,335
10	1,437
20	1,547
25	1,600
30	1,654
40	1,772
50	1,901
60	2,033
70	2,165
80	2,302
90	2,448
100	2,591
110	2,730
120	2,850
130	2,988

RESISTANCE @ +25°C = 1,600 Ω ± 5%
 RESISTANCE/TEMPERATURE CURVE = SEE TABLE
 DISSIPATION CONSTANT = 2 mW/°C MINIMUM
 THERMAL TIME CONSTANT (STILL AIR) = 8 SECONDS MAXIMUM
 THERMAL TIME CONSTANT (STIRRED OIL) = 1 SECONDS MAXIMUM
 TEMPERATURE RATING = -50 TO +150°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

NONE	RELEASE TO PRODUCTION	12/18/07	DD
REV	REVISION RECORD	DATE	APP
SCALE	NONE	U.S. SENSOR CORP. 1832 W. COLLINS AVE. ORANGE, CA 92867 714-639-1000 www.ussensor.com SILICON PTC THERMISTOR P/N 162PS1J	
DRAWN BY	DAN DANKERT		
DATE	12/18/07		
REV.	NONE		
LAYER	0 OF 2		