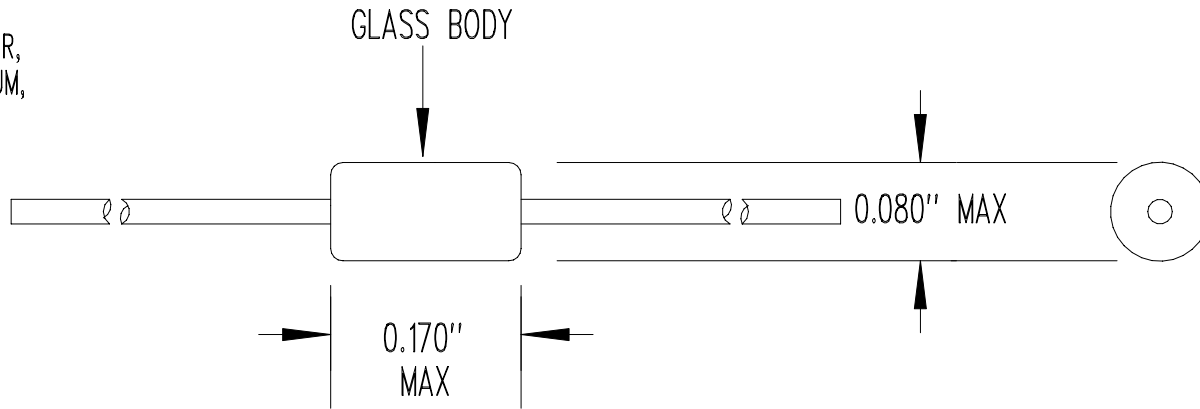


0.020" ± 0.0025" DIAMETER,
24 AWG, 1.0" LONG MINIMUM,
TINNED LEAD WIRES



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. COLL INS 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	