



RESISTANCE @ +25°C = 100,000 Ω NOMINAL
 ACCURACY (0 TO +105°C) = ± 0.01°C OF R-T CHART SUPPLIED WITH PROBE
 RESISTANCE/TEMPERATURE CURVE = "J"
 BETA "β" (0 TO +50°C) = 3,892°K NOMINAL
 TEMPERATURE COEFFICIENT @ +25°C = -4.4%/°C NOMINAL
 TYPICAL DRIFT: <0.01°C/YEAR
 MAXIMUM TEMPERATURE RATING = +105°C

EACH PROBE SUPPLIED WITH ITS OWN UNIQUE NIST TRACEABLE
 CALIBRATION CERTIFICATE WITH DATA POINTS &
 A RESISTANCE VERSUS TEMPERATURE CHART IN 0.01°C INCREMENTS
 COVERING THE TEMPERATURE RANGE OF 0°C TO +105°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

THERMISTOR ELEMENT POTTED
 NEAR TIP OF 300 SERIES
 STAINLESS STEEL HOUSING

"C"	MODIFIED NOTES TO MEET PAGE 24 OF CATALOG 1117	12/27/04	DD
"B"	ACCURACY RANGE WAS SPECIFIED AS 0°C TO +60°C	12/27/04	DD
"A"	ADDED ACCURACY NOTE	12/27/04	DD
NONE	RELEASE TO PRODUCTION	04/08/03	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 TEMPERATURE STANDARD P/N USP3986
DRAWN BY	DAN DANKERT	
DATE	04/08/03	
REV.	"C"	
LAYER	0 OF 2	