



RESISTANCE @ +25°C = 50,000 Ω ± 10%
 RESISTANCE/TEMPERATURE CURVE = "J"
 TEMPERATURE COEFFICIENT @ +25°C = -4.4%/°C NOMINAL
 BETA "β" (0 TO +50°C) = 3,892°K NOMINAL
 DISSIPATION CONSTANT = 1 mW/°C NOMINAL
 THERMAL TIME CONSTANT = 10 SECONDS MAXIMUM (STILL AIR)
 THERMAL TIME CONSTANT = 1 SECOND MAXIMUM (WELL STIRRED OIL)
 MAXIMUM TEMPERATURE RATING = +150°C

REV	REVISION RECORD	DATE	APP
NONE	RELEASE TO PRODUCTION	05/01/03	DD

SCALE	NONE	© COPYRIGHT U.S. SENSOR CORP. 714-639-1000 www.ussensor.com NTC THERMISTOR P/N TC503J2K
DRAWN BY	DAN DANKERT	
DATE	05/01/03	
REV.	NONE	
LAYER	0 OF 1	