



RESISTANCE @ +25°C = 2,500 Ω ± 10%  
 RESISTANCE TEMPERATURE CURVE = "B"  
 TEMPERATURE COEFFICIENT @ +25°C = -3.31%/°C NOMINAL  
 BETA "β" (0 TO +50°C) = 2,941°K NOMINAL  
 DISSIPATION CONSTANT = 2 mW/°C NOMINAL (STILL AIR)  
 THERMAL TIME CONSTANT = 5 SECONDS NOMINAL (STILL AIR)  
 THERMAL TIME CONSTANT = 0.5 SECONDS NOMINAL (STIRRED OIL)  
 MAXIMUM TEMPERATURE RATING = +220°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

NONE	RELEASE TO PRODUCTION	03/18/03	DD
REV	REVISION RECORD	DATE	APP

SCALE NONE	U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 www.ussensor.com NTC THERMISTOR P/N 252BG1K
DRAWN BY DAN DANKERT	
DATE 03/18/03	
REV NONE	
LAYER 0 OF 2	