



RESISTANCE @ +25°C = 5,000 Ω ± 10%  
 RESISTANCE/TEMPERATURE CURVE = "E1"  
 BETA "β" (0 TO +50°C) = 3,320°K NOMINAL  
 TEMPERATURE COEFFICIENT @ +25°C = -3.82%/°C NOMINAL  
 DISSIPATION CONSTANT = 2 mW/°C NOMINAL (STILL AIR)  
 THERMAL TIME CONSTANT = 5 SECONDS NOMINAL (STILL AIR)  
 THERMAL TIME CONSTANT = 0.5 SECONDS NOMINAL (WELL STIRRED OIL)  
 MAXIMUM TEMPERATURE RATING = +300°C

NONE	RELEASE TO PRODUCTION	01/28/14	DD
REV	REVISION RECORD	DATE	APP

SCALE NONE	© COPYRIGHT <b>U.S. SENSOR CORP.</b> 714-639-1000 www.ussensor.com <b>NTC THERMISTOR</b> P/N 502E1G1K
DRAWN BY DAN DANKERT	
DATE 01/28/14	
REV. NONE	
LAYER 0 OF 1	