



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