



RESISTANCE @ +25°C = 5,000,000 Ω ± 10%
 RESISTANCE/TEMPERATURE CURVE = "Y"
 BETA "β" (0 TO +50°C) = 4,640°K NOMINAL
 TEMPERATURE COEFFICIENT @ +25°C = -5.22%/°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 505YG7K
DRAWN BY DAN DANKERT	
DATE 01/28/14	
REV. NONE	
LAYER 0 OF 1	