



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 <b>U.S. SENSOR CORP.</b> 714-639-1000 www.ussensor.com <b>NTC THERMISTOR</b> P/N 505YG7K
DRAWN BY	DAN DANKERT	
DATE	01/28/14	
REV	NONE	
LAYER	0 OF 1	