



RESISTANCE @ +25°C = 50,000 Ω NOMINAL  
 ACCURACY (0 TO +70°C) = ± 0.10°C  
 RESISTANCE/TEMPERATURE CURVE = "R"  
 TEMPERATURE COEFFICIENT @ +25°C = -4.68%/°C NOMINAL  
 BETA "β" (0 TO +50°C) = 4,140°K NOMINAL  
 DISSIPATION CONSTANT = 1 mW/°C NOMINAL  
 THERMAL TIME CONSTANT = 10 SECONDS MAXIMUM (STILL AIR)  
 THERMAL TIME CONSTANT = 1 SECOND MAXIMUM (WELL STIRRED OIL)  
 MAXIMUM TEMPERATURE RATING = +135°C

MAXIMUM STORAGE AND OPERATION TEMPERATURE FOR BEST LONG-TERM STABILITY = +75°C

REV	REVISION RECORD	DATE	APP
NONE	RELEASE TO PRODUCTION	05/01/03	DD

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DRAWN BY DAN DANKERT	
DATE 05/01/03	NTC THERMISTOR
REV. NONE	P/N KS503R2
LAYER 0 OF 1	