



RESISTANCE @ +25°C = 50,000 Ω NOMINAL
 ACCURACY (0 TO +70°C) = ± 0.50°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 = +120°C

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

SCALE	NONE	© COPYRIGHT	
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DATE	05/01/03	714-639-1000 www.ussensor.com	
REV.	NONE	NTC THERMISTOR	
LAYER	0 OF 1	P/N KW503R2	