



RESISTANCE @ +25°C = 50,000 Ω NOMINAL
 ACCURACY (0 TO +50°C) = $\pm 0.05^\circ\text{C}$

RESISTANCE/TEMPERATURE CURVE = "J"

TEMPERATURE COEFFICIENT @ +25°C = $-4.4\%/\text{C}$ NOMINAL

BETA "β" (0 TO +50°C) = 3,892'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)

TEMPERATURE RATING = -55 TO +80°C

MAXIMUM STORAGE AND OPERATION TEMPERATURE FOR BEST LONG-TERM STABILITY = +50°C

REV	REVISION RECORD		DATE	APP
	RELEASE TO PRODUCTION			
			04/30/03	DD

SCALE	NONE	© COPYRIGHT
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DATE	04/30/03	714-639-1000 www.ussensor.com
REV.	NONE	NTC THERMISTOR
LAYER	0 OF 1	P/N PR503J2