

RESISTANCE @ $+25^{\circ}C = 50,000 \Omega$ NOMINAL ACCURACY (0 TO $+50^{\circ}$ C) = $\pm 0.05^{\circ}$ C RESISTANCE/TEMPERATURE CURVE = "J" TEMPERATURE COEFFICIENT @ $+25^{\circ}C = -4.4\%$ /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
NONE	RELEASE TO PRODUCTION	04/30/03	DD

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DATE 04/30/03	NTC THERMISTOR
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LAYER 0 OF 1	P/N PR503J2