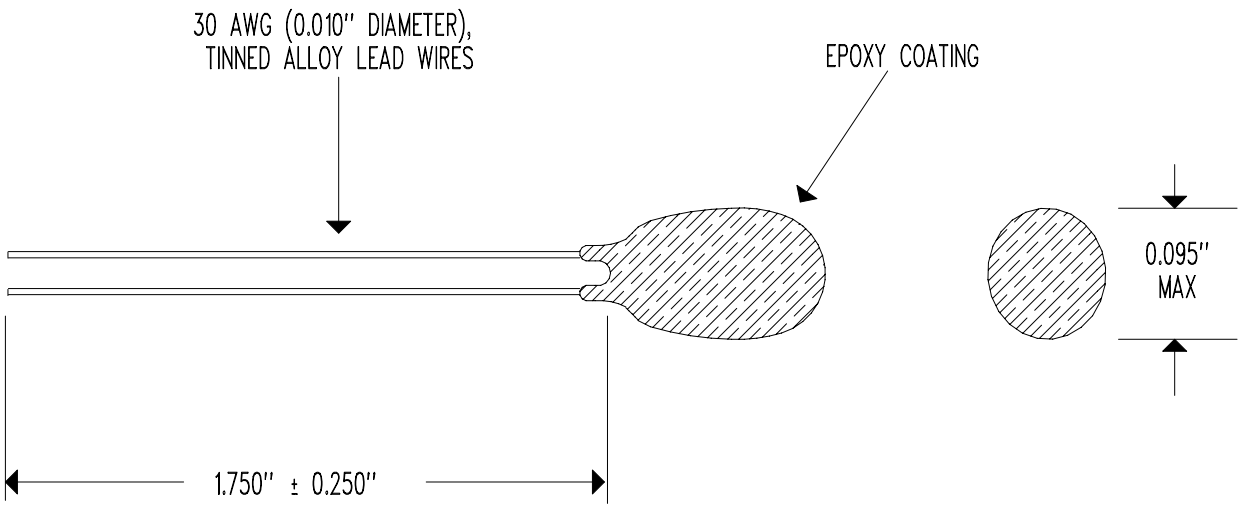

RESISTANCE @ +25°C = 50,000 Ω NOMINAL
ACCURACY (0 TO +50°C) = ± 0.05°C
RESISTANCE/TEMPERATURE CURVE = "J"
TEMPERATURE COEFFICIENT @ +25°C = −4.4%/°C NOMINAL
BETA "β" (0 TO +50°C) = 3,892°K NOMINAL
DISSIPATION CONSTANT = 1 mW/°C NOMINAL
THERMAL TIME CONSTANT = 10 SECONDS MAXIMUM (STILL AIR)
THERMAL TIME 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

SCALE NONE	
DRAWN BY DAN DANKERT	U.S. SENSOR CORP.
DATE 04/30/03	714-639-1000 www.ussensor.com
REV. NONE	NTC THERMISTOR
LAYER 0 OF 1	P/N PR503J2