



28 AWG (0.0126" DIAMETER),
SOLID CONDUCTOR, SINGLE CONDUCTOR,
TEFLON INSULATED LEAD WIRES

EPOXY COATING

STRIP
0.250"
± 0.070"

1.500" ± 0.250"

0.095"
MAX

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

RESISTANCE @ +25°C = 3,000 Ω ± 10%
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)
MAXIMUM TEMPERATURE RATING = +150°C

SCALE	NONE	© COPYRIGHT U.S. SENSOR CORP. 714-639-1000 www.ussensor.com NTC THERMISTOR P/N TC302J2K
DRAWN BY	DAN DANKERT	
DATE	05/01/03	
REV.	NONE	
LAYER	0 OF 1	