



RESISTANCE @ +25°C = 500 Ω ± 10%  
 RESISTANCE/TEMPERATURE CURVE = "B"  
 BETA "β" (0 TO +50°C) = 2,941°K NOMINAL  
 TEMPERATURE COEFFICIENT @ +25°C = -3.31%/°C NOMINAL  
 DISSIPATION CONSTANT = 1 mW/°C NOMINAL  
 THERMAL TIME CONSTANT = 2 SECONDS MAXIMUM  
 MAXIMUM TEMPERATURE RATING = +150°C

NONE	RELEASE TO PRODUCTION	12/28/05	DD
REV	REVISION RECORD	DATE	APP

SCALE	NONE	U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 www.ussensor.com NTC CHIP THERMISTOR P/N BC501B1K
DRAWN BY	DAN DANKERT	
DATE	12/28/05	
REV.	NONE	
LAYER	0 OF 1	