



RESISTANCE @ +25°C = 500 Ω ± 10%  
 RESISTANCE/TEMPERATURE CURVE = SEE GS501D1K R-T TABLE  
 BETA "β" (+25 TO +50°C) = 3,170°K NOMINAL  
 BETA "β" (+25 TO +85°C) = 3,218°K NOMINAL  
 TEMPERATURE COEFFICIENT @ +25°C = -3.59%/°C NOMINAL  
 DISSIPATION CONSTANT = 0.7 mW/°C NOMINAL (AIR)  
 THERMAL TIME CONSTANT = 5 SECONDS NOMINAL (AIR)  
 MAXIMUM TEMPERATURE RATING = +300°C

SEE MANUFACTURING SPECIFICATION (LAYER 1)

NONE	RELEASE TO PRODUCTION	03/18/14	DD
REV	REVISION RECORD	DATE	APP

SCALE	NONE	U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 www.ussensor.com NTC THERMISTOR P/N GS501D1K
DRAWN BY	DAN DANKERT	
DATE	03/18/14	
REV.	NONE	
LAYER	0 OF 2	