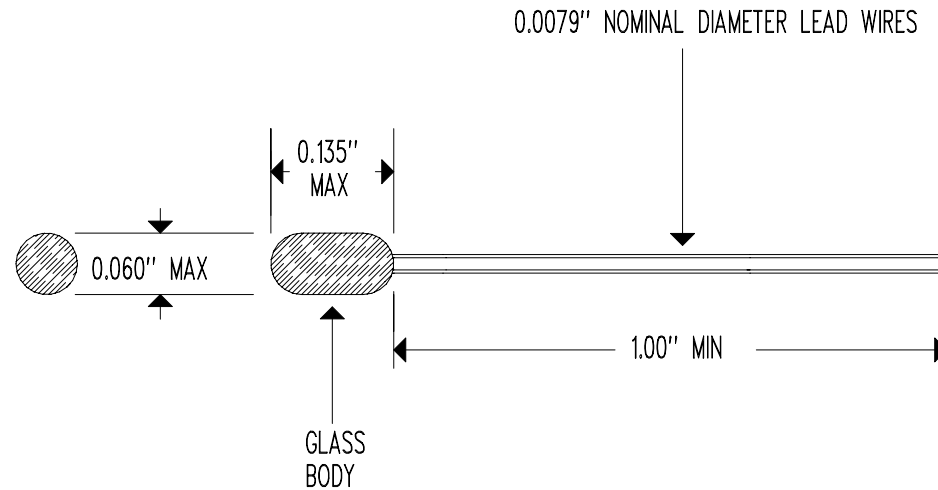




RESISTANCE @ +25°C = 500 Ω $\pm$ 10%
 RESISTANCE/TEMPERATURE CURVE = SEE GS501D1K R-T TABLE
 BETA " β " (+25 TO +50°C) = 3,170°K NOMINAL
 BETA " β " (+25 TO +85°C) = 3,218°K NOMINAL
 TEMPERATURE COEFFICIENT @ +25°C = -3.59%/°C NOMINAL
 DISSIPATION CONSTANT = 0.7 mW/°C NOMINAL (AIR)
 THERMAL TIME CONSTANT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