



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



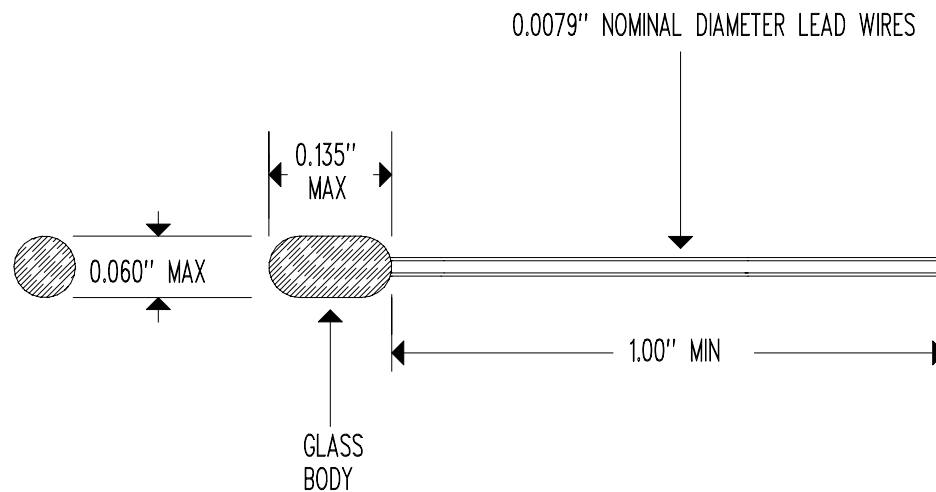
## Contact us

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RESISTANCE @ +25°C = 5,000 Ω ± 10%  
 RESISTANCE/TEMPERATURE CURVE = SEE GS502F1K R-T TABLE  
 BETA "β" (0 TO +50°C) = 3,380°K NOMINAL  
 BETA "β" (+25 TO +85°C) = 3,613°K NOMINAL  
 TEMPERATURE COEFFICIENT @ +25°C = -3.90%/°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 GS502F1K
DRAWN BY	DAN DANKERT	
DATE	03/18/14	
REV.	NONE	
LAYER	0 OF 2	