



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

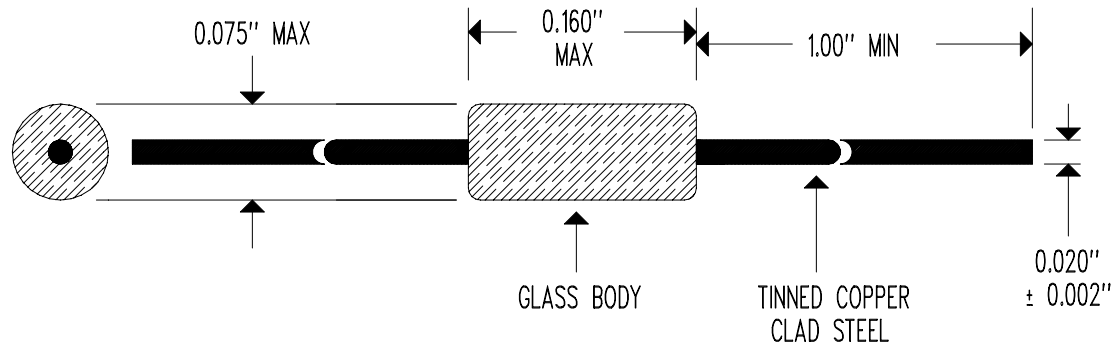
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



U.S. SENSOR P/N	R @ +25°C (Ω)	R TOLERANCE @ +25°C (%)
USUG1000-103G	10,000	± 2
USUG1000-103J	10,000	± 5
USUG1000-103K	10,000	± 10
USUG1000-153G	15,000	± 2
USUG1000-153J	15,000	± 5
USUG1000-153K	15,000	± 10
USUG1000-203G	20,000	± 2
USUG1000-203J	20,000	± 5
USUG1000-203K	20,000	± 10
USUG1000-253G	25,000	± 2
USUG1000-253J	25,000	± 5
USUG1000-253K	25,000	± 10
USUG1000-303G	30,000	± 2
USUG1000-303J	30,000	± 5
USUG1000-303K	30,000	± 10
USUG1000-503G	50,000	± 2
USUG1000-503J	50,000	± 5
USUG1000-503K	50,000	± 10
USUG1000-104G	100,000	± 2
USUG1000-104J	100,000	± 5
USUG1000-104K	100,000	± 10
USUG1000-204G	200,000	± 2
USUG1000-204J	200,000	± 5
USUG1000-204K	200,000	± 10
USUG1000-254G	250,000	± 2
USUG1000-254J	250,000	± 5
USUG1000-254K	250,000	± 10
USUG1000-224J	220,000	± 5
USUG1000-154G	150,000	± 2
USUG1000-154J	150,000	± 5
USUG1000-154K	150,000	± 10



RESISTANCE @ +25°C = SEE CHART
 RESISTANCE TOLERANCE @ +25°C = SEE CHART
 RESISTANCE/TEMPERATURE CURVE = "J"
 DISSIPATION CONSTANT = 2 mW/°C NOMINAL (STILL AIR)
 MAXIMUM POWER RATING = 20 mW
 TEMPERATURE RATING = -40 TO +150°C

UL FILE NUMBER E232830 (UL CATEGORY XGPU2)

SEE MANUFACTURING SPECIFICATION (LAYER 1)

"F"	ADDED USUG1000-154G/USUG1000-154J/USUG1000-154K	03/12/15	DD
"E"	ADDED USUG1000-224J	12/06/12	DD
"D"	REMOVED USUG1000-224J	11/12/12	DD
"C"	ADDED USUG1000-224J	04/30/12	DD
"B"	ADDED LAYER 1 MANUFACTURING SPECIFICATION	05/19/04	DD
---	ISO RELEASE	03/12/04	DD

ECN #	REV	REVISION RECORD	DATE	BY	APP
093002	"A"	MINMUM TEMPERATURE RATING WAS -55°C	09/30/02	DD	DD

SCALE NONE	U.S. SENSOR CORP. © COPYRIGHT 714-639-1000 www.ussensor.com NTC THERMISTOR P/N USUG1000-
DRAWN BY DAN DANKERT	
DATE 08/13/02	
REV. "F"	
LAYER 0 OF 2	