



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!



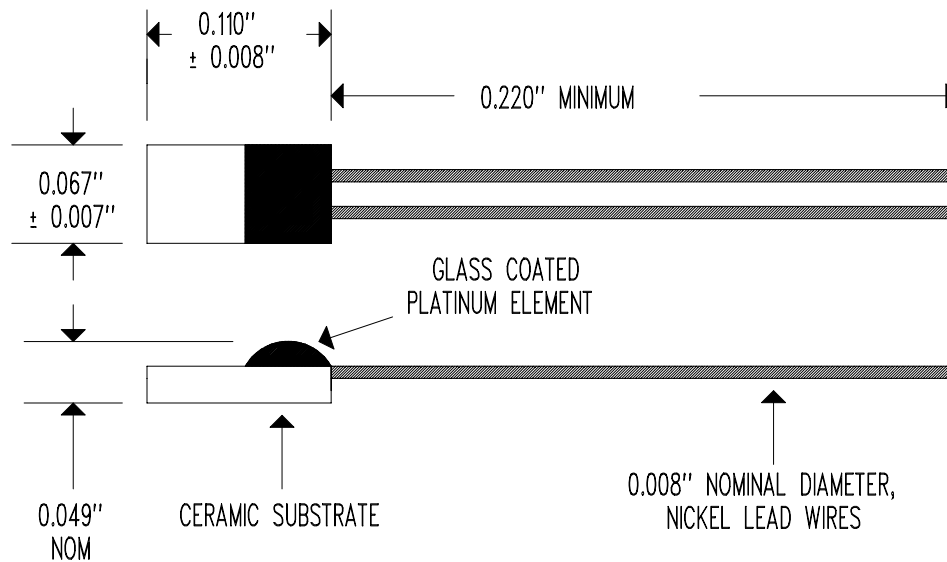
Contact us

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





RTD ELEMENT RESISTANCE @ 0°C = $100 \Omega \pm 0.12\%$
 RTD ELEMENT ACCURACY @ 0°C = $\pm 0.30^{\circ}\text{C}$
 RTD ELEMENT DIN 43760 ACCURACY CLASS = "B"
 TCR = $3,850 \text{ ppm}/^{\circ}\text{C}$
 TEMPERATURE RATING = -50 TO $+500^{\circ}\text{C}$
 THERMAL TIME CONSTANT = 10 SECONDS MAXIMUM (1m/SEC MOVING AIR)
 DISSIPATION CONSTANT = $2.5 \text{ mW}/^{\circ}\text{C}$ NOMINAL (1m/SEC MOVING AIR)
 MAXIMUM APPLIED CURRENT = 1 mA

SEE MANUFACTURING SPECIFICATION (LAYER 1)

"E"	LEAD WIRE LENGTH WAS 0.300" MINIMUM	02/18/16	DD
"D"	DIMENSION "L" FOR 100 Ω RTDS WAS $0.095'' \pm 0.008''$	10/11/08	DD
"C"	LEAD WIRE WAS 32 AWG PLATINUM PLATED NICKEL	08/25/05	DD
---	ISO RELEASE	04/11/03	DD
"B"	UPDATED LEAD WIRE AWG & LENGTH, ADDED NOTE	08/14/02	RD
"A"	UPDATED LEAD WIRE AWG & TYPE	07/15/02	RD
REV	REVISION RECORD	DATE	APP

SCALE	NONE	U.S. SENSOR CORP. © COPYRIGHT
DRAWN BY	DAN DANKERT	
DATE	07/15/02	714-639-1000 www.ussensor.com
REV.	"E"	PLATINUM RTD SENSOR
LAYER	0 OF 2	P/N PPG101B1