



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

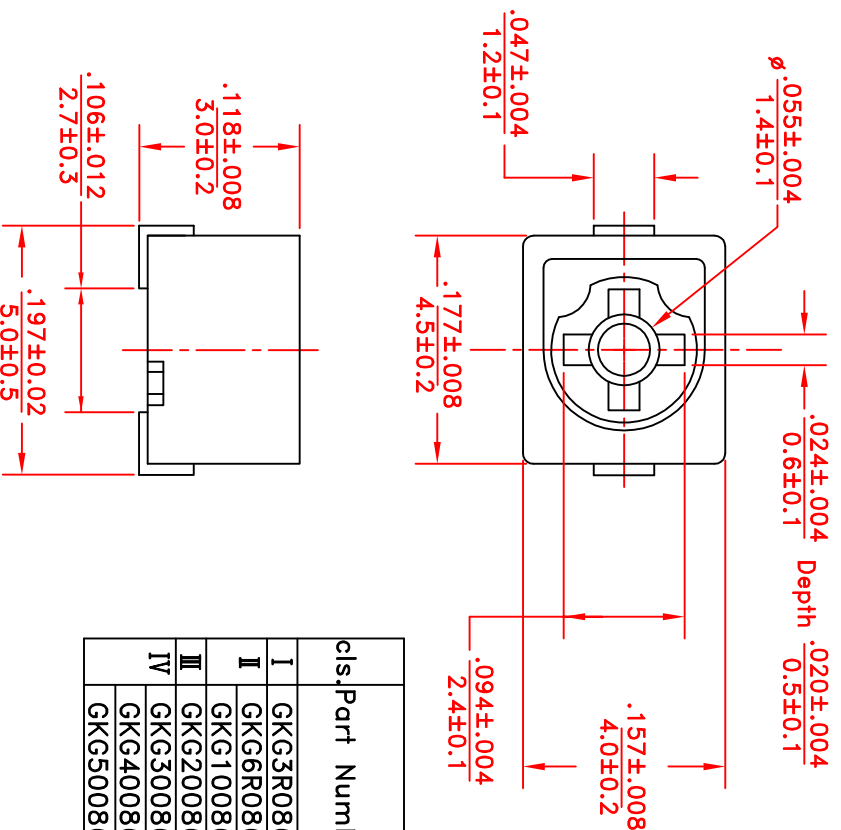
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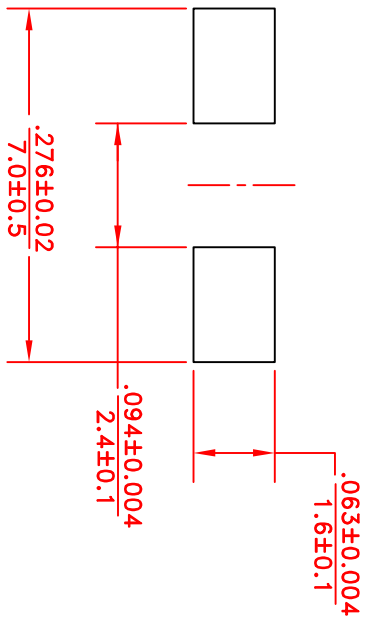
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REV	DESCRIPTION	DATE	APP
00	NEW DRAWING	03/07/18	I.D.



cls. Part Number	Capacitance (pF)		Q at 1MHz (min.)	Rated Voltage (V.D.C.)	Temperature Characteristics		Case color
	Min. (+0%)	Max. (-0%)			Temp. Coefficient	Drift (pF max.)	
I GKG3R086	1.4	3.0	300	100	NP0±200(0±200)	±0.1	Brown
II GKG6R086	2.0	6.0	500	100	NP0±200(0±200)	±0.1	Blue
III GKG10086	3.0	10.0	500	100	NP0±300(0±300)	±0.15	White
IV GKG20086	4.5	20.0	500	100	N750±400(-750±400)	±0.3	Red
GKG30086	6.5	30.0	300	100	N1200±500(-1200±500)	±0.3	Green
GKG40086	8.5	40.0	300	100	N1200±500(-1200±500)	±0.5	Yellow
GKG50086	1.4	*50.0	300	50	N750±300(-750±300)	±0.7	Black



- SPECIFICATIONS:**
1. Operating temperature range: -25°C to + 85°C
  2. Insulation resistance: 10<sup>4</sup> megohms min
  3. Dielectric withstanding voltage: Rated voltage x 2.2
  4. Torque: 0.2 to 1.39 oz-in (15 to 100 g-cm )
  5. Stable characteristics over a wide frequency range
  6. Dielectric: PTFE
  7. Designed to withstand flux baths and solder baths (with cover film type)
  8. All dimensions in/mm.

**TOLERANCES:**  
(EXCEPT AS NOTED)  
**SPRAGUE GOODMAN ELECTRONICS INC.**  
 1700 SHAMES DRIVE WESTBURY, NY 11590

**DECIMAL:** ±0.02 in  
**SCALE:** 8:1  
**DRAWN BY:** R. LEVIN  
**APPROVED:** I. DITLYA

**STANDARD LAND PATTERN**

**FRACTIONAL:** 1/64  
**TITLE:** GKGXXX86  
**USED FOR:**  
**ANGULAR:** 1°  
**DATE:** 03/07/2018  
**DRAWING NUMBER:** GKGXXX86  
**REV:** 00