



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





## TRIMMER CAPACITORS

# CERAMIC DIELECTRIC TRIMMER CAPACITORS

Engineering Bulletin SG-305

**SURFTRIM® Surface Mount:**

**GKYA Economy Series**

## FEATURES

- Suitable for reflow soldering.
- Superior Setting Drift Performance
- Low Mounting Profile (only 1.6 mm)
- Available in carrier and reel packaging.
- Dust Proof Design
- Self Resonant Frequency above 1 GHz

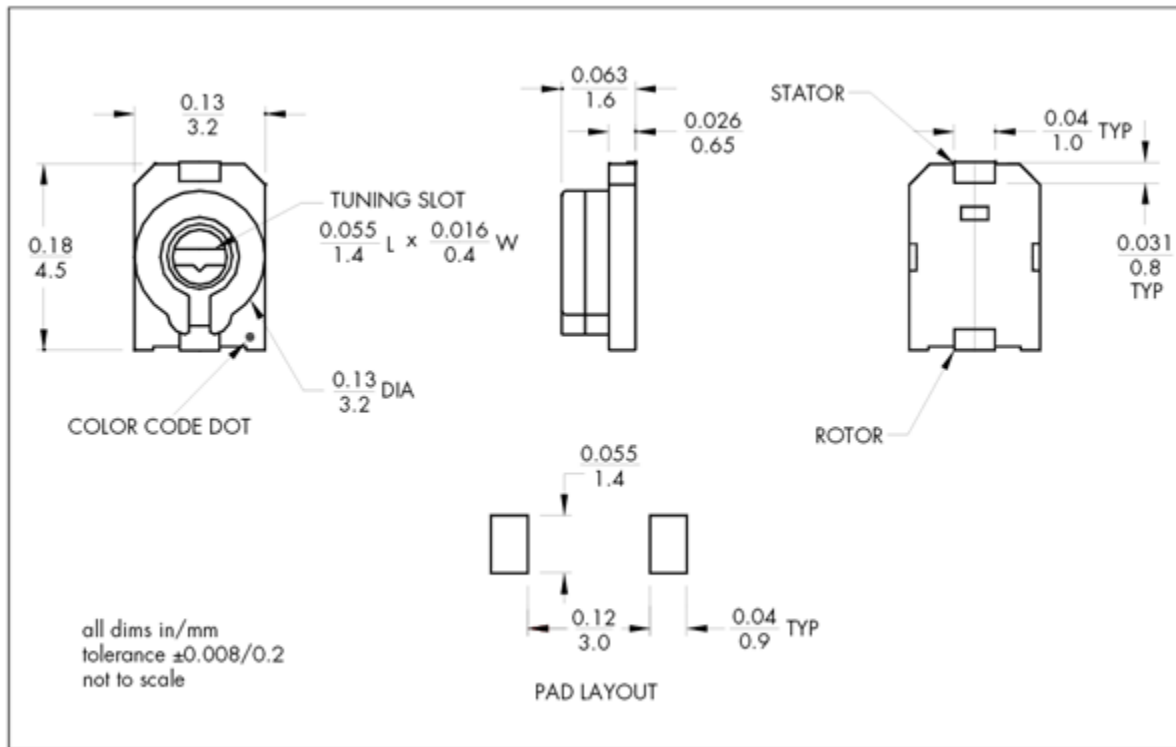
## SPECIFICATIONS

- Operating Temperature Range:  $-25^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$
- Voltage Rating: 50 VDC (110 VDC for 10 pF and above)
- Dielectric Withstanding Voltage: 110 VDC (220 VDC for 10 pF and above)
- Insulation Resistance:  $10^4$  Megohms min
- Torque: 10 to 70 g-cm (0.14 to 0.98 oz-in)

Capacitance (pF)		Color Code	Temperature Coefficient (ppm/ $^{\circ}\text{C}$ )	Q min (1 MHz) at C max	Carrier and Reel Pack Model No.
min	max				
1.2	3.0	Black	$0 \pm 200$	300	GKYA3R066
2.2	6.0	Blue	$0 \pm 600$	300	GKYA6R066
3.0	10.0	None	$N600 \pm 300$	300	GKYA10066
5.5	20.0	Red	$N1200 \pm 500$	300	GKYA20066
8.0	27.0	Green	$N1200 \pm 500$	300	GKYA27066

Available on 1000 piece carrier and reel.

### [Carrier and Reel Specifications](#)



## Engineering Bulletin SG-305 Contents

- [SURFTRIM® Surface Mount:](#) GKRP Series
- [SURFTRIM® Surface Mount:](#) GKY Washable Series
- [SURFTRIM® Surface Mount:](#) GKY Standard Series
- [SURFTRIM® Surface Mount:](#) GKYA Economy Series
- [SURFTRIM® Surface Mount: Sealed Construction:](#) GKG \_\_\_ 26, 66, 27, 67, 28, 68 Series
- [Plastic Encased Type: 4 x 4.5 mm Leaded](#) GKG \_\_\_ 21, 71, 24, 74, 25 Series
- [Plastic Encased Type: 6 mm Leaded](#) GKG \_\_\_ 11, 51, 12, 52 Series
- [Economical 6 mm Type Top Adjust Leaded](#) GKG \_\_\_ 15 Series
- [Economical 6 mm Type Bottom Adjust Leaded](#) GKG \_\_\_ 16 Series
- [Rugged 5 mm Type:](#) GKU \_\_\_ 00 Series
- [Economical 5 mm Type:](#) GKU \_\_\_ 10 Series
- [7 mm Type:](#) GKT Series

- [Thin 2 mm & 3 mm Types: GKH and GKX Series](#)
- [Carrier and Reel Specifications](#)
- [Specification Notes](#)
- [Application Notes](#)

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[Home](#) | [Trimmer Capacitors](#) | [Inductors](#) | [Transformers](#) | [Microwave Tuners](#) | [Varactor Diodes](#)  
[Tuning Tools](#) | [Radiocer Capacitors](#) | [Product Selector](#) | [Model Number Index](#) | [PDF File Index](#)  
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[info@spraguegoodman.com](mailto:info@spraguegoodman.com)