



## 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

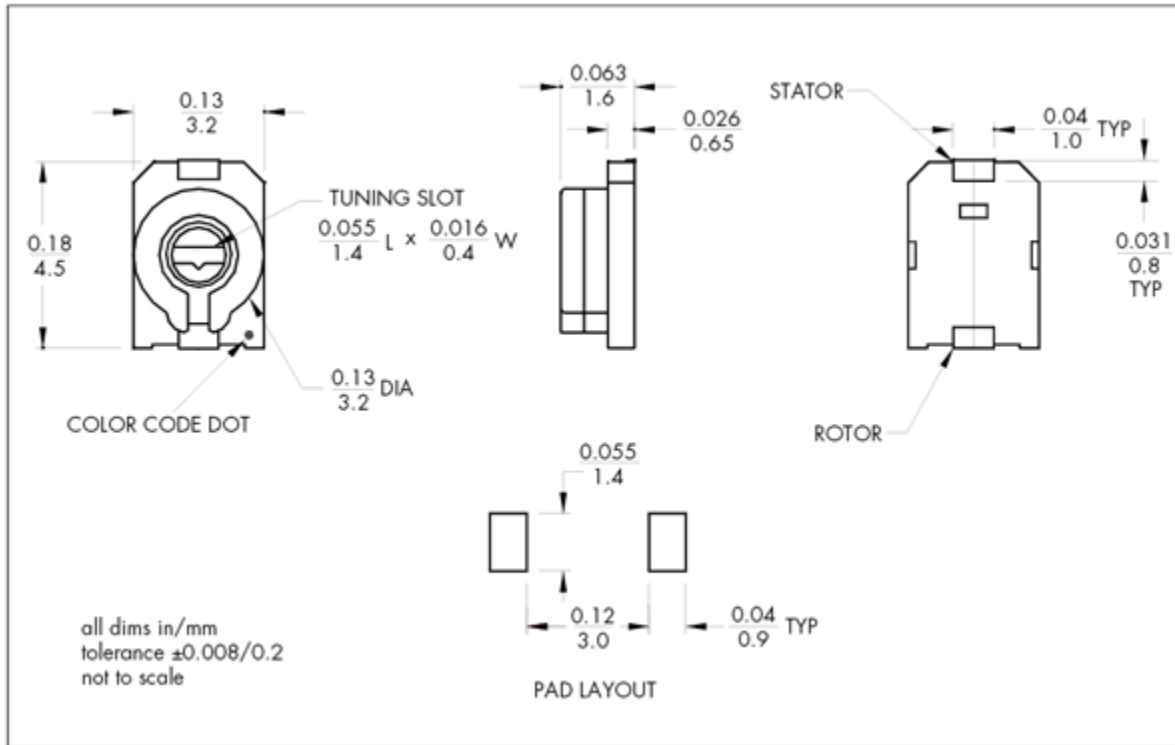
### SPECIFICATIONS

- 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](#)



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- [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](#)
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[info@spraguegoodman.com](mailto:info@spraguegoodman.com)