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**SPRAGUE  
GOODMAN**

CERAMIC DIELECTRIC TRIMMER CAPACITORS

**SURFTRIM<sup>®</sup> SURFACE MOUNT  
GKY LOW PROFILE SERIES**

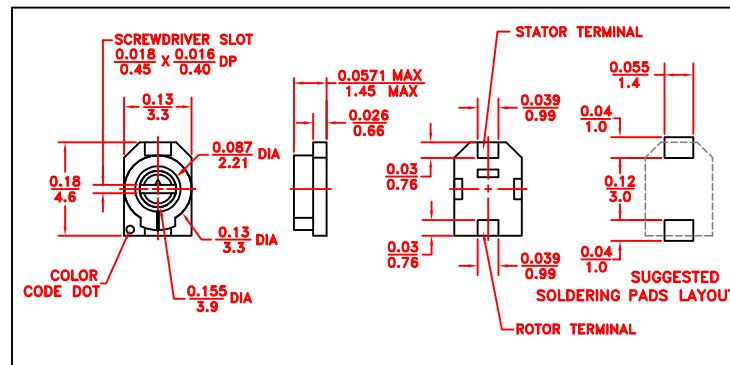
**FEATURES**

- Designed for reflow soldering
- Setting drift within 1%
- Mounting profile 0.0591" / 1.5 mm max  
( 3.2 X 4.5 X 1.5 mm )
- Carrier and reel packaging
- Dust resistant design
- Self resonant frequency above 1GHz

**SPECIFICATIONS**

- Operating Temperature Range:  
-25°C to +85°C
- Insulation Resistance: 10<sup>4</sup> Megohms min.
- Torque: 10 to 72 g-cm (0.14 to 1.0 oz-in)

Model No.	Capacitance Range (pF)		DC Working Voltage	DC Withstanding Voltage	Q Min (1MHz)	SRF at max. rated capacitance (GHz)	Temperature Coefficient (ppm/°C)	Color Code
	Min	Max						
GKY3R046	1.5	3.0	100	220	500	2.1	0±200	Black
GKY6R046	2.0	6.0	100	220	500	1.5	0±300	Blue
GKY8R046	3.0	8.0	100	220	500	1.3	-750±500	Violet
GKY10046	2.0	10.0	50	110	500	1.2	0±300	None
GKY15046	3.0	15.0	50	110	500	0.92	0±500	Pink
GKY20046	4.5	20.0	50	110	500	0.81	0±500	Red
GKY30046	5.5	30.0	50	110	200	0.70	-750±500	Orange
GKY40046	8.0	40.0	50	110	200	0.60	-750±500	Yellow

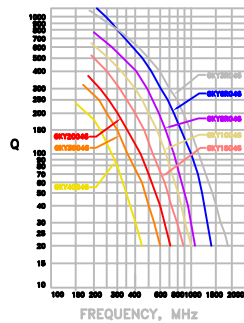


All dimensions are in/mm, unless otherwise specified, tolerance on dimensions ± 0.008/0.2

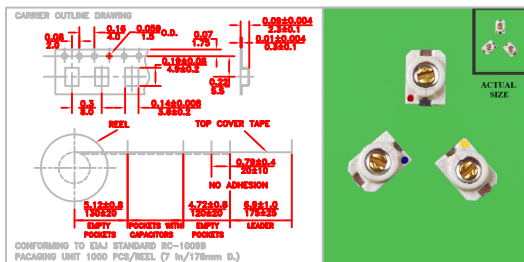
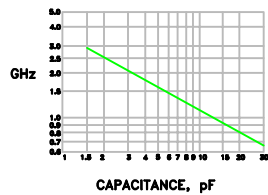
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CERAMIC DIELECTRIC TRIMMER CAPACITORS  
GKY LOW PROFILE SERIES

QUALITY FACTOR (Q)  
OF GKY\_\_\_46 SERIES CAPACITORS



SELF-RESONANT FREQUENCY  
OF GKY\_\_\_46 SERIES CAPACITORS

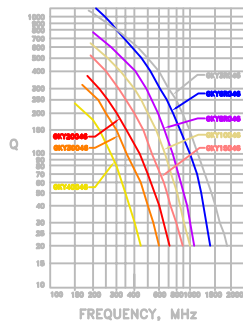


All dimensions are in/mm, unless otherwise specified,  
tolerance on dimensions  $\pm 0.008/0.2$

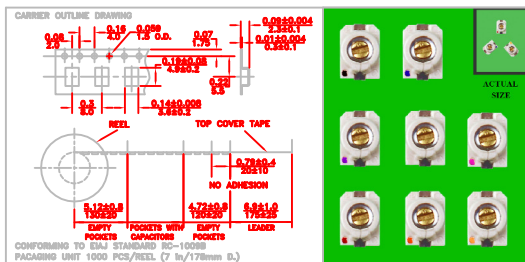
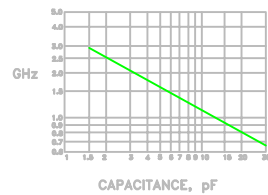
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