

SPRAGUE GOODMAN SMD and Ceramic Trimmer Capacitors



SURFTRIM® GKRP SERIES SMD TRIMMER CAPACITORS

Features:

- Low mounting profile
- Sealed for washability
- Self resonant frequency above 1GHz

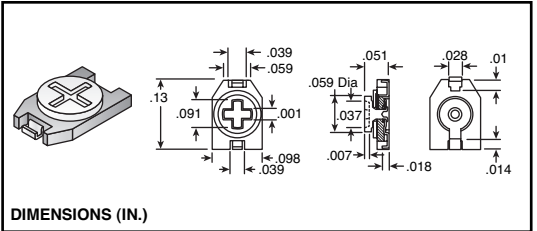
Specifications:

- Operating temperature range: -40°C to +85°C
- Voltage rating: 25 VDC
- Dielectric withstanding voltage: 75 VDC
- Insulation resistance: 104 MΩ min.
- Torque: 10 to 150 g-cm (0.14 to 2.1 oz-in)

2.2 x 3.1 x 1.2mm

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Sprague Goodman Part No.	Cap. Range (pF)		TCC (ppm/°C)	Q (min) @ 1MHz	Price Each			Per Reel of 2000 (ea.)
		Min	Max			1	25	100	
659-GKRP10	GKRP10066	3.0	10	0 ± 500	150	1.48	1.30	.99	.68
659-GKRP20	GKRP20066	5.0	20	N750 ± 500	150	1.48	1.30	.99	.68
659-GKRP30	GKRP30066	7.0	30	N750 ± 500	150	1.48	1.30	.99	.68



DIMENSIONS (IN.)

SURFTRIM® GKY SERIES SMD TRIMMER CAPACITORS

Features:

- Designed for reflow soldering

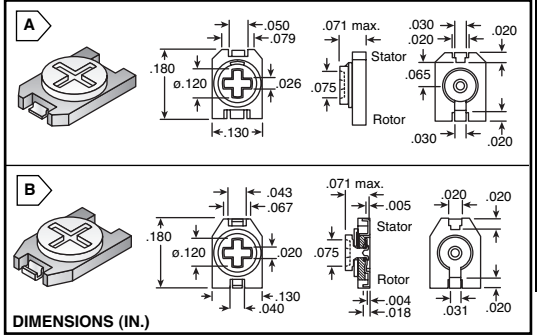
Specifications:

- Operating temperature range: GKYxx066 series: -25°C to +85°C, GKYxx086 series: -40°C to +85°C
- Voltage rating: GKYxx066 series: 100 VDC, GKYxx086 series: 25 VDC
- Dielectric withstanding voltage: GKYxx066 series: 220 VDC, GKYxx086 series: 25 VDC
- Torque: 10 to 150 g-cm (0.14 to 2.08 oz-in)
- Insulation resistance: 104 MΩ min.

3.2 x 4.5 x 1.8mm

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Sprague Goodman Part No.	Fig.	Cap. Range (pF)		Q Factor @ 1MHz	TCC (ppm/°C)	Color Code	Price Each			Per Reel of 1000 (ea.)
			Min	Max				1	25	100	
659-GKY3R066	GKY3R066	A	1.7	3.0	499	NPO± 300	Brown	.93	.82	.70	.42
659-GKY6R066	GKY6R066	A	2.5	6.0	499	NPO± 300	Blue	.93	.82	.70	.42
659-GKY10066	GKY10066	A	3.0	10.0	499	N400± 400	White	.93	.82	.70	.42
659-GKY20066	GKY20066	A	5.0	20.0	300	N900± 400	Red	.93	.82	.70	.42
659-GKY30066	GKY30066	A	6.0	30.0	300	N1200± 500	Green	.93	.82	.70	.42
659-GKY40086	GKY40086	B	4.5	40.0	300	N750± 500	---	1.02	.97	.85	.51
659-GKY50086	GKY50086	B	4.5	50.0	300	N750± 500	---	1.02	.97	.85	.51



DIMENSIONS (IN.)

GKG SERIES CERAMIC TRIMMER CAPACITORS

Features:

- Low cost due to automated construction
- Wide selection of capacitance ranges
- Color coded housings

Specifications:

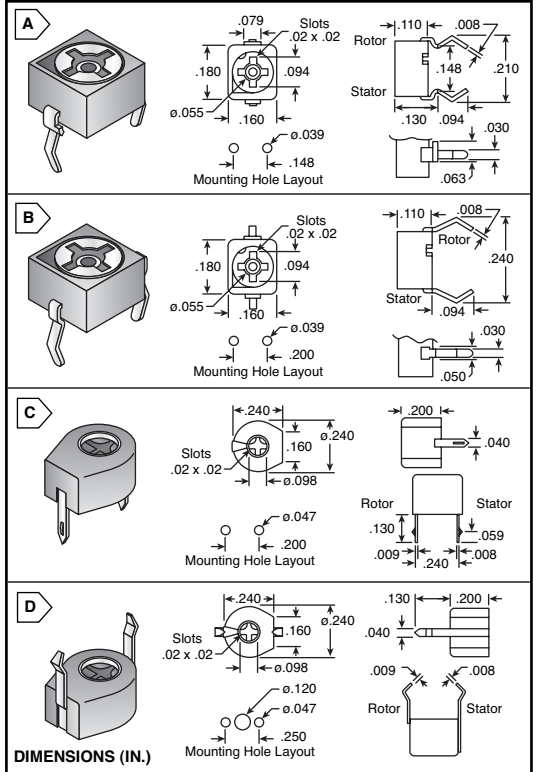
- Operating temperature range: -25°C to +85°C
- Voltage rating: 100 VDC
- Dielectric withstanding voltage: 220 VDC
- Insulation resistance: 10⁴ MΩ min.
- Torque: 10 to 100 g-cm (0.14 to 1.39 oz-in)

4 x 4.5 x 2.7mm

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Sprague Goodman Part No.	Fig.	Cap. Range (pF)		Q Factor @1MHz	TCC (ppm/°C)	Color Code	Price Each		
			Min	Max				1	25	100
Top Adjust 4 x 4.5mm Ceramic Trimmer Capacitors										
*659-GKG3R021	GKG3R021	A	1.4	3.0	300	NPO± 200	Red Dot	.59	.51	.37
659-GKG6R021	GKG6R021	A	2.0	6.0	499	NPO± 200	Blue	.59	.51	.37
659-GKG10021	GKG10021	A	3.0	10.0	499	NPO± 300	White	.59	.51	.37
659-GKG20021	GKG20021	A	4.5	20.0	499	N900± 350	Red	.59	.51	.37
659-GKG30021	GKG30021	A	6.5	30.0	300	N1100± 450	Green	.59	.51	.37
659-GKG50021	GKG50021	A	15.0	50.0	300	N1700± 500	Orange	.59	.51	.37
Top Adjust 4 x 4.5mm Ceramic Trimmer Capacitors										
*659-GKG3R024	GKG3R024	B	1.4	3.0	300	NPO± 200	Red Dot	.59	.51	.37
659-GKG6R024	GKG6R024	B	2.0	6.0	499	NPO± 200	Blue	.59	.51	.37
659-GKG10024	GKG10024	B	3.0	10.0	499	NPO± 300	White	.59	.51	.37
659-GKG20024	GKG20024	B	4.5	20.0	499	N900± 350	Red	.59	.51	.37
659-GKG30024	GKG30024	B	6.5	30.0	300	N1100± 450	Green	.59	.51	.37
659-GKG50024	GKG50024	B	15.0	50.0	300	N1700± 500	Orange	.59	.51	.37
Economical Top Adjust 6mm Ceramic Trimmer Capacitors										
659-GKG3R015	GKG3R015	C	1.0	3.0	300	NPO± 250	Black	.24	.21	.18
659-GKG5R015	GKG5R015	C	2.0	5.0	300	NPO± 250	Blue	.24	.21	.18
659-GKG10015	GKG10015	C	3.0	10.0	300	NPO± 250	White	.24	.21	.18
659-GKG20015	GKG20015	C	5.0	20.0	300	N750± 250	Red	.24	.21	.18
659-GKG30015	GKG30015	C	6.5	30.0	200	N1000± 500	Green	.24	.21	.18
659-GKG40015	GKG40015	C	7.0	40.0	200	N2200± 800	Yellow	.24	.21	.18
659-GKG50015	GKG50015	C	10.0	50.0	200	N2200± 800	Brown	.24	.21	.18
659-GKG60015	GKG60015	C	12.0	60.0	200	N2200± 800	Brown	.24	.21	.18
659-GKG70015	GKG70015	C	15.0	70.0	200	N2200± 800	Brown	.24	.21	.18
Economical Bottom Adjust 6mm Ceramic Trimmer Capacitors										
659-GKG5R016	GKG5R016	D	2.0	5.0	300	NPO± 250	Blue	.35	.31	.28
659-GKG10016	GKG10016	D	3.0	10.0	300	NPO± 250	White	.35	.31	.28
659-GKG20016	GKG20016	D	5.0	20.0	300	N750± 250	Red	.35	.31	.28
659-GKG30016	GKG30016	D	6.5	30.0	200	N1000± 500	Green	.35	.31	.28
659-GKG50016	GKG50016	D	10.0	50.0	200	N2200± 800	Brown	.40	.36	.32
659-GKG60016	GKG60016	D	12.0	60.0	200	N2200± 800	Brown	.40	.36	.32
659-GKG70016	GKG70016	D	15.0	70.0	200	N2200± 800	Brown	.40	.36	.32

* Marking on bottom of capacitor † Q Factor at 10 MHz



DIMENSIONS (IN.)

SURFTRIM® GKG SERIES SMD TRIMMER CAPACITORS

Features:

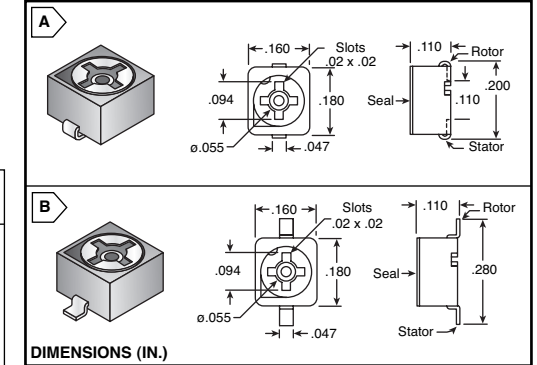
- Sealed Construction
- Process seal provides protection against contaminants (flux, solvents, etc.) during production
- Designed for flow reflow soldering

Specifications:

- Operating temperature range: -25°C to +85°C
- Voltage rating: 100 VDC
- Dielectric withstanding voltage: 220 VDC
- Insulation resistance: 10⁴ MΩ min.
- Torque: 15 to 100 g-cm (0.2 to 1.39 oz-in)

4 x 4.5 x 2.7mm

MOUSER STOCK NO.	Sprague Goodman Part No.	Fig.	Cap. Range (pF)		Q Factor @ 1MHz	TCC (ppm/°C)	Color Code	Price Each			Per Reel of 700 (ea.)
			Min	Max				1	25	100	
659-GKG6R066	GKG6R066	A	2.0	6.0	500	NPO± 200	Blue	.98	.86	.61	.44
659-GKG10066	GKG10066	A	4.5	20.0	500	NPO± 300	White	.98	.86	.61	.44
659-GKG20066	GKG20066	A	4.5	20.0	500	N900± 300	Red	.98	.86	.61	.44
659-GKG30066	GKG30066	A	6.5	30.0	300	N1100± 450	Green	.98	.86	.61	.44
659-GKG6R067	GKG6R067	B	2.0	6.0	500	NPO± 200	Blue	1.18	1.03	.74	.53
659-GKG10067	GKG10067	B	3.0	10.0	500	NPO± 300	White	1.18	1.03	.74	.53
659-GKG20067	GKG20067	B	4.5	20.0	500	N900± 300	Red	1.18	1.03	.74	.53
659-GKG30067	GKG30067	B	6.5	30.0	300	N1100± 450	Green	1.18	1.03	.74	.53



DIMENSIONS (IN.)