

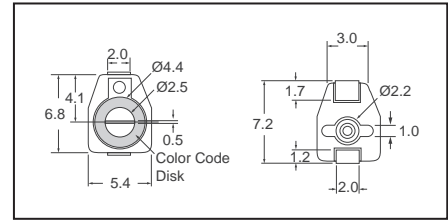


GSX Series SMD Trimmer Capacitors

SPECIFICATIONS:
 • Operating Temperature Range: -25°C to 85°C • Voltage Rating: 100VDC • Dielectric Withstanding Voltage: 200VDC • Insulation Resistance: 10⁴ MΩ min. • Torque: 20 to 300 g-cm (0.28 to 4.2 oz-in)

Capacitance (pF)	TCC (ppm / °C)	Q (min.) 10MHz	Color Code	Digi-Key Part No.	Cut Tape Pricing		Digi-Key Part No.	Tape/Reel Pricing 3,000	Sprague-Goodman Part No.
					10	100			
0.5	4.5	N100	1000	Orange	SG2018CT-ND	12.90	111.00	550.00/M	GSX364
0.6	9.0	N100	1000	Black	SG2017CT-ND	14.70	126.00	625.41/M	GSX358
0.8	15.0	N100	1000	Blue	SG2019CT-ND	16.30	140.00	700.00/M	GSX365
1.0	20.0	N100	1000	Green	SG2020CT-ND	23.44	200.94	1004.71/M	GSX366

SG9005-ND 4 x 4.5mm Type (SG1020 through SG1033)\$13.00

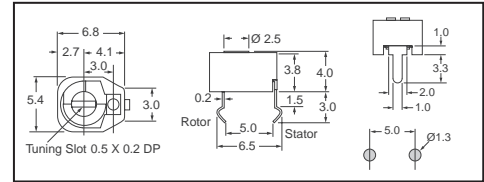


GCL Series Trimmer Capacitors

SPECIFICATIONS:
 • Operating Temperature Range: -25°C to +85°C
 • Voltage Rating: 50VDC
 • Dielectric Withstanding Voltage: 100VDC
 • Insulation Resistance: 500MΩ min.
 • Torque: 0.21-3 oz-in (15-200 g-cm)

Capacitance (pF)	TCC (ppm / °C)	Q (min.) 1 MHz	Color Code	Digi-Key Part No.	Pricing			Sprague-Goodman Part No.	
					1	10	100		
0.7	10.0	P350	1000	Brown	SG1034-ND	.58	5.00	35.00	GCL10000
0.8	20.0	P350	1000	Green	SG1035-ND	.58	5.00	35.00	GCL20000
0.9	30.0	P350	1000	Yellow	SG1036-ND	.85	7.30	51.00	GCL30000
1.0	40.0	P350	1000	Blue	SG1037-ND	.93	8.00	56.00	GCL40000

SG9005-ND 4 x 4.5mm Type (SG1020 through SG1033)\$13.00



GKG Series Ceramic Trimmer Capacitors

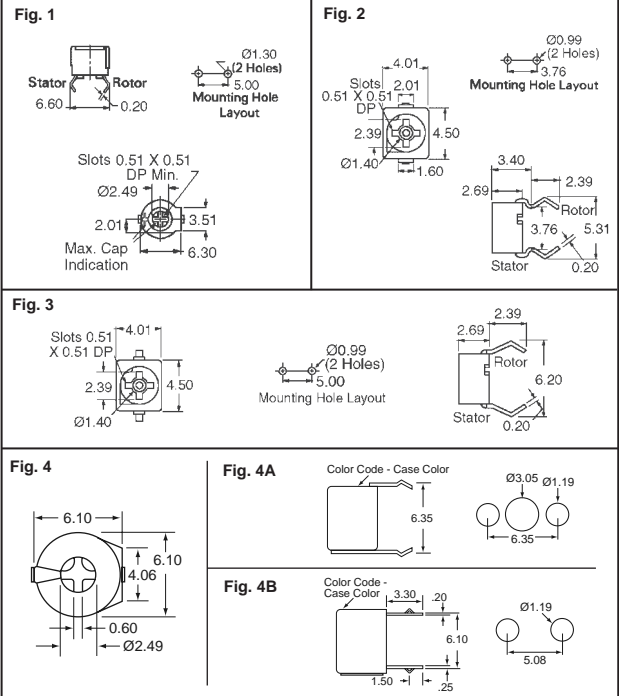
Fig.	Capacitance (pF)		TCC (ppm / °C)	Q (min.)	Color Code	Digi-Key Part No.	Pricing			Sprague-Goodman Part No.
	Min.	Max.					1	10	100	
<i>Top Adjust Ceramic Trimmer Capacitors</i>										
1	4.0	20.0	N600±300	300	Red	SG1003-ND	.98	8.40	77.00	GKG20011
	6.5	40.0	N750±400	200	Yellow	SG1005-ND	.98	8.40	77.00	GKG40011
<i>Top Adjust Ceramic Trimmer Capacitors</i>										
2	1.7	3.0	0±200	300	Red Dot*	SG1020-ND	.56	4.80	44.00	GKG3R021
	2.5	6.0	0±200	500	Blue	SG1021-ND	.56	4.80	44.00	GKG6R021
	3.5	10.0	0±200	500	White	SG1022-ND	.56	4.80	44.00	GKG10021
	5.5	20.0	N900±350	500	Red	SG1023-ND	.56	4.80	44.00	GKG20021
	7.5	30.0	N1100±450	300	Green	SG1024-ND	.56	4.80	44.00	GKG30021
	15.0	50.0	N1700±500	300	Orange	SG1026-ND	.56	4.80	44.00	GKG50021
<i>Top Adjust Ceramic Trimmer Capacitors</i>										
3	1.7	3.0	0±200	300	Red Dot*	SG1027-ND	.56	4.80	44.00	GKG3R024
	2.5	6.0	0±200	500	Blue	SG1028-ND	.56	4.80	44.00	GKG6R024
	3.5	10.0	0±200	500	White	SG1029-ND	.56	4.80	44.00	GKG10024
	5.5	20.0	N900±350	500	Red	SG1030-ND	.56	4.80	44.00	GKG20024
	7.5	30.0	N1100±450	300	Green	SG1031-ND	.56	4.80	44.00	GKG30024
15.0	50.0	N1700±500	300	Orange	SG1033-ND	.56	4.80	44.00	GKG50024	
<i>Bottom Adjust Ceramic Trimmer Capacitors</i>										
4A	1.0	3.0	NPO±250	300	Black	SG3R016-ND	.28	2.45	21.00	GKG3R016
	2.0	5.0	NPO±250	300	Blue	SG5R016-ND	.28	2.45	21.00	GKG5R016
	3.0	10.0	NPO±250	300	White	SG10016-ND	.28	2.45	21.00	GKG10016
	5.0	20.0	N750±250	300	Red	SG20016-ND	.28	2.45	21.00	GKG20016
	6.5	30.0	N1000±500	200	Green	SG30016-ND	.28	2.45	21.00	GKG30016
	7.0	40.0	N2200±800	200	Yellow	SG40016-ND	.28	2.45	21.00	GKG40016
	10.0	50.0	N2200±800	200	Brown	SG50016-ND	.44	3.85	33.00	GKG50016
	12.0	60.0	N2200±800	200	Brown	SG60016-ND	.44	3.85	33.00	GKG60016
15.0	70.0	N2200±800	200	Brown	SG70016-ND	.44	3.85	33.00	GKG70016	
<i>Top Adjust Ceramic Trimmer Capacitors</i>										
4B	1.0	3.0	NPO±250	300	Black	SG3R015-ND	.24	2.10	18.00	GKG3R015
	2.0	5.0	NPO±250	300	Blue	SG5R015-ND	.24	2.10	18.00	GKG5R015
	3.0	10.0	NPO±250	300	White	SG10015-ND	.24	2.10	18.00	GKG10015
	5.0	20.0	N750±250	300	Red	SG20015-ND	.24	2.10	18.00	GKG20015
	6.5	30.0	N1000±500	200	Green	SG30015-ND	.24	2.10	18.00	GKG30015
	7.0	40.0	N2200±800	200	Yellow	SG40015-ND	.24	2.10	18.00	GKG40015
	10.0	50.0	N2200±800	200	Brown	SG50015-ND	.40	3.50	30.00	GKG50015
12.0	60.0	N2200±800	200	Brown	SG60015-ND	.40	3.50	30.00	GKG60015	
15.0	70.0	N2200±800	200	Brown	SG70015-ND	.40	3.50	30.00	GKG70015	

* Marking on bottom of capacitor.

SPECIFICATIONS: • Operating Temperature Range: -25°C to +85°C • Voltage Rating: 100VDC • Dielectric Withstanding Voltage: 220VDC • Insulation Resistance: 10⁴ Megohms min.

Tuning Tool

SG9007-ND 5mm Type (Fig. 1 & 4)\$13.00
 SG9005-ND 4 x 4.5mm Type (Fig. 2 & 3)\$13.00



SURFTRIM® Surface Mount Variable Capacitors

• Sealed Construction • 4 x 4.5 x 2.7mm

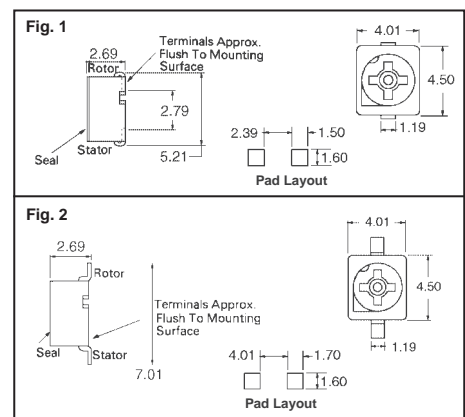
FEATURES:
 • Process seal provides protection against contaminants (flux, solvents, etc.) during production.
 • Designed for vapor phase reflow soldering.

SPECIFICATIONS:
 • Operating Temperature Range: -25°C to +85°C
 • Dielectric Withstanding Voltage: 220 VDC
 • Insulation Resistance: 10⁴ Megohms min.
 • Voltage Rating: 100VDC
 • Torque: 15 to 100 g-cm (0.2 to 1.39 in.-oz.)

Fig.	Capacitance (pF)		TCC (ppm / °C)	Q (min.) 1MHz	Color Code	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape/Reel Pricing 700	Sprague-Goodman Part No.
	Min.	Max.					5	25	100			
1	1.4	3.0	0±200	300	Red Dot*	SG2000CT-ND	5.40	23.63	74.25	SG2000TR-ND	313.60	GKG3R066-07
	2.0	6.0	0±200	500	Blue	SG2001CT-ND	5.40	23.63	74.25	SG2001TR-ND	313.60	GKG6R066-07
	3.0	10.0	0±300	500	White	SG2002CT-ND	5.40	23.63	74.25	SG2002TR-ND	313.60	GKG10066-07
	4.5	20.0	N750±300	500	Red	SG2003CT-ND	5.40	23.63	74.25	SG2003TR-ND	313.60	GKG20066-07
	6.5	30.0	N900±450	300	Green	SG2004CT-ND	5.40	23.63	74.25	SG2004TR-ND	313.60	GKG30066-07
2	1.4	3.0	0±200	300	Red Dot*	SG2007CT-ND	6.40	28.00	88.00	SG2007TR-ND	371.70	GKG3R067-07
	2.0	6.0	0±200	500	Blue	SG2008CT-ND	6.40	28.00	88.00	SG2008TR-ND	371.70	GKG6R067-07
	3.0	10.0	0±300	500	White	SG2009CT-ND	6.40	28.00	88.00	SG2009TR-ND	371.70	GKG10067-07
	4.5	20.0	N750±300	500	Red	SG2010CT-ND	6.40	28.00	88.00	SG2010TR-ND	371.70	GKG20067-07
	6.5	30.0	N900±450	300	Green	SG2011CT-ND	6.40	28.00	88.00	SG2011TR-ND	371.70	GKG30067-07

* Marking on bottom of capacitor.

SG9005-ND Tuning Tool\$13.00



More Product Available Online: www.digikey.com