

Type CGS High-Cap Screw Terminal Aluminum Electrolytic Capacitor

High CV, Screw Terminal Capacitors



Type CGS screw terminal, aluminum electrolytic capacitors have a high CV rating and are suitable for use in most demanding applications requiring high current filtering or energy storage.

Highlights

- High CV rating
- High current filtering
- Screw terminal

RoHS Compliant

Specifications

Capacitance Range:	75 to 1,500,000 µF
Voltage Range:	6.3 to 500 WVdc
Capacitance Tolerance:	-10% +75% (6.3 - 150 WVdc) -10% +50% (200 - 450 WVdc)
Operating Temperature:	-40 °C to +85 °C
Ripple Current Multipliers:	Ambient Temperature

+45 °C	+55 °C	+65 °C	+75 °C	+85 °C
2.24	2.00	1.73	1.41	1.00

Rated Voltage	Ripple Multiplier				
	60 Hz	120 Hz	300 Hz	1000 Hz	10 kHz
16 to 150	0.9	1.0	1.15	1.25	1.30
200 to 500	0.9	1.0	1.25	1.40	1.50

DC Leakage Current: $I = .006 \sqrt{CV}$
 Not to exceed 6.0 mA max. after 5 minutes
 C = Capacitance in µF
 V = Rated Voltage
 I = Leakage current in mA

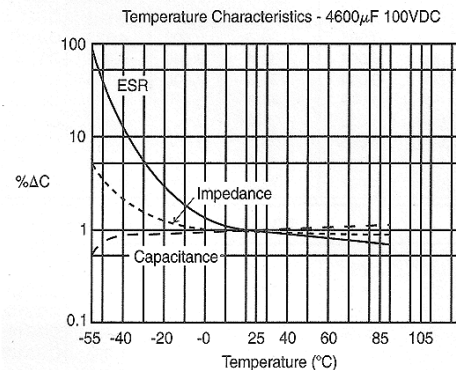
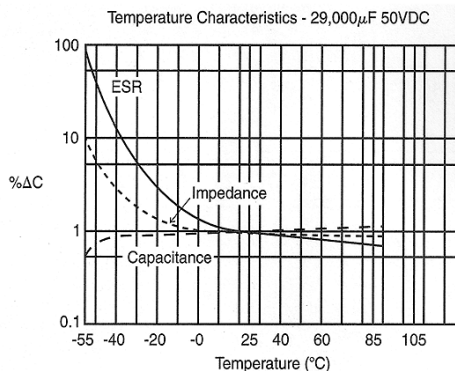
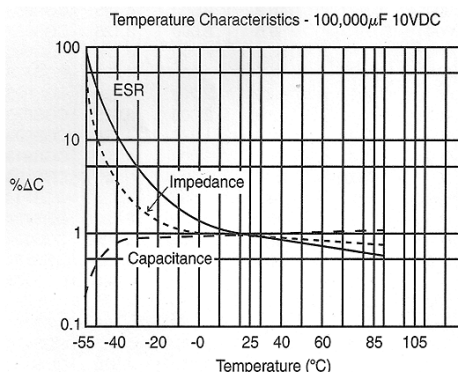
[Click here to see: Hardware & Mounting Options](#)

QA Stability Test: Apply WVdc for 2000 h @ 85 °C

- Capacitance change ± 10% from initial limits
- DC leakage current: 200% of limit
- ESR: 175% of limit

[Click here to see: Mechanical Details](#)

Typical Performance Curves



Type CGS High-Cap Screw Terminal Aluminum Electrolytic Capacitor

Ratings

Cap (μ F)	Catalog Part Number	Max Typical ESR 120 Hz (Ω)	Ripple 120 Hz +85 °C (A) RMS	Dia. (Inches)	Length (Inches)
6.3 WVdc (8 Vdc Surge)					
73,000	CGS733U6R3R2L	0.023	8.0	1.375	1.625
95,000	CGS953U6R3R3C	0.014	10.4	1.375	3.125
140,000	CGS144U6R3R4C	0.011	11.2	1.375	4.125
190,000	CGS194U6R3V3C	0.013	12.6	2.000	3.125
210,000	CGS214U6R3R5L	0.011	10.9	1.375	5.625
230,000	CGS234U6R3U4C	0.009	13.1	1.750	4.125
300,000	CGS304U6R3V4C	0.010	14.7	2.000	4.125
310,000	CGS314U6R3V5L	0.007	16.9	2.000	5.625
480,000	CGS484U6R3W4C	0.007	19.6	2.500	4.125
500,000	CGS504U6R3W5L	0.005	22.9	2.500	5.625
670,000	CGS674U6R3X4C	0.006	20.7	3.000	4.125
900,000	CGS904U6R3X5C	0.005	23.5	3.000	5.125
1,000,000	CGS105U6R3X5L	0.005	24.5	3.000	5.625
1,100,000	CGS115U6R3X5R	0.004	24.7	3.000	5.875
7.5 WVdc (9 Vdc Surge)					
49,000	CGS493U7R5R2C	0.030	6.7	1.375	2.125
71,000	CGS713U7R5R2L	0.023	7.9	1.375	2.625
92,000	CGS923U7R5R3C	0.019	8.8	1.375	3.125
140,000	CGS144U7R5R4C	0.014	10.3	1.375	4.125
190,000	CGS194U7R5V3C	0.013	12.5	2.000	3.125
200,000	CGS204U7R5R5L	0.012	10.8	1.375	5.625
220,000	CGS224U7R5U4C	0.010	13.1	1.750	4.125
290,000	CGS294U7R5V4C	0.010	14.6	2.000	4.125
440,000	CGS444U7R5V5L	0.007	16.8	2.000	5.625
470,000	CGS474U7R5W4C	0.007	19.5	2.500	4.125
650,000	CGS654U7R5W5L	0.005	24.4	3.000	4.125
710,000	CGS714U7R5W5L	0.005	22.8	2.500	5.625
870,000	CGS874U7R5X5C	0.005	23.4	3.000	5.125
980,000	CGS984U7R5X5L	0.005	24.4	3.000	5.625
1,000,000	CGS105U7R5X5R	0.004	24.7	3.000	5.875
10 WVdc (12 Vdc Surge)					
7,200	CGS722U010R2C	0.035	4.5	1.375	2.125
12,000	CGS123U010R2C	0.034	4.6	1.375	2.125
14,000	CGS143U010R2C	0.030	4.9	1.375	2.125
18,000	CGS183U010R2C	0.078	3.1	1.375	2.125
20,000	CGS203U010R2L	0.025	5.9	1.375	2.625
26,000	CGS263U010R3C	0.020	7.0	1.375	3.125
33,000	CGS333U010R3C	0.018	7.4	1.375	3.125
43,000	CGS433U010R2C	0.030	6.7	1.375	2.125
44,000	CGS443U010V2C	0.013	9.4	2.000	2.125
62,000	CGS623U010R2L	0.023	7.9	1.375	2.625
81,000	CGS813U010R3C	0.019	8.8	1.375	3.125
94,000	CGS943U010V4C	0.007	16.3	2.000	4.125
110,000	CGS114U010W3L	0.008	16.7	2.500	3.625
120,000	CGS124U010R4C	0.014	10.3	1.375	4.125
170,000	CGS174U010V3C	0.013	12.5	2.000	3.125
180,000	CGS184U010R5L	0.012	10.8	1.375	5.625
200,000	CGS204U010U4C	0.010	13.1	1.750	4.125
250,000	CGS254U010V4C	0.010	14.6	2.000	4.125
390,000	CGS394U010V5L	0.007	16.8	2.000	5.625
410,000	CGS414U010W4C	0.007	19.5	2.500	4.125
580,000	CGS584U010W5L	0.006	20.6	2.500	5.625
630,000	CGS634U010W5L	0.005	22.8	2.500	5.625
780,000	CGS784U010X5C	0.005	23.4	3.000	5.125
880,000	CGS884U010X5L	0.050	24.4	3.000	5.625
920,000	CGS924U010X5R	0.005	24.7	3.000	5.875
16 WVdc (20 Vdc Surge)					
5,500	CGS552U016R2C	0.037	4.4	1.375	2.125
8,900	CGS892U016R2C	0.034	4.6	1.375	2.125
10,000	CGS103U016R2C	0.033	4.7	1.375	2.125
10,000	CGS103U016R3C	0.024	6.4	1.375	3.125

Cap (μ F)	Catalog Part Number	Typical Max Ripple ESR 120 Hz (Ω)	+85 °C (A) RMS	Dia. (Inches)	Length (Inches)
16 WVdc (20 Vdc Surge)					
12,000	CGS123U016R2C	0.031	4.8	1.375	2.125
15,000	CGS153U016R2L	0.026	5.6	1.375	2.625
15,000	CGS153U016R4C	0.061	4.5	1.375	4.125
17,000	CGS173U016R3C	0.022	6.7	1.375	3.125
19,000	CGS193U016R3C	0.021	6.8	1.375	3.125
21,000	CGS213U016R3L	0.037	5.5	1.375	3.625
22,000	CGS233U016V3C	0.027	7.6	2.000	3.125
24,000	CGS243U016R3C	0.032	5.6	1.375	3.125
25,000	CGS253U016R4C	0.016	8.8	1.375	4.125
25,000	CGS253U016V2C	0.031	6.1	2.000	2.125
33,000	CGS333U016R4C	0.020	7.9	1.375	4.125
33,000	CGS333U016V2C	0.028	6.5	2.000	2.125
34,000	CGS343U016R4C	0.020	9.8	1.375	4.125
34,000	CGS343U016V4C	0.016	8.8	2.000	4.125
35,000	CGS353U016R2C	0.030	6.7	1.375	2.125
38,000	CGS383U016R3C	0.019	9.4	1.375	3.125
38,000	CGS383U016V3C	0.021	8.6	2.000	3.125
49,000	CGS493U016R2L	0.023	7.9	1.375	2.625
50,000	CGS503U016V3C	0.011	11.7	2.000	3.125
55,000	CGS553U016R3L	0.015	10.2	1.375	3.625
55,000	CGS553U016V3L	0.018	9.6	2.000	3.625
62,000	CGS623U016R3C	0.019	8.8	1.375	3.125
66,000	CGS663U016R4C	0.012	11.6	1.375	4.125
66,000	CGS663U016V4C	0.017	10.8	2.000	4.125
68,000	CGS683U016V3C	0.017	9.5	2.000	3.125
70,000	CGS703U016V4C	0.008	15.2	2.000	4.125
77,000	CGS773U016V4L	0.015	11.8	2.000	4.625
80,000	CGS803U016X4C	0.009	18.9	3.000	4.125
83,000	CGS833U016V5L	0.015	12.9	2.000	5.625
90,000	CGS903U016R4C	0.014	10.3	1.375	4.125
91,000	CGS913U016V4C	0.009	14.7	2.000	4.125
100,000	CGS104U016X5C	0.007	22.5	3.000	5.125
110,000	CGS114U016W4C	0.010	16	2.500	4.125
120,000	CGS124U016V4C	0.007	20.1	3.000	3.625
130,000	CGS134U016R5L	0.010	12.6	1.375	5.625
130,000	CGS134U016V3C	0.011	12.5	2.000	3.125
130,000	CGS134U016W4L	0.009	17.6	2.500	4.625
150,000	CGS154U016X5L	0.007	19.3	3.000	5.625
160,000	CGS164U016U4C	0.010	13.1	1.750	4.125
170,000	CGS174U016V4C	0.004	23.5	2.000	4.125
180,000	CGS184U016X4L	0.006	24.3	3.000	4.625
190,000	CGS194U016V4C	0.007	19.5	2.000	4.125
210,000	CGS214U016X5R	0.005	29.2	3.000	5.875
220,000	CGS224U016X4C	0.005	25.2	3.000	4.125
260,000	CGS264U016V5L	0.003	29.8	2.000	5.625
290,000	CGS294U016V5L	0.005	21.1	2.000	5.625
310,000	CGS314U016W4C	0.005	22.7	2.500	4.125
470,000	CGS474U016W5L	0.004	30.4	2.500	5.625
620,000	CGS624U016X5C	0.004	32.3	3.000	5.125
640,000	CGS644U016X5L	0.002	44.9	3.000	5.625
640,000	CGS644UFX5L3PD	0.002	30.0	3.000	5.625
700,000	CGS704U016X5L	0.003	35.0	3.000	5.625
740,000	CGS744U016X5R	0.003	35.8	3.000	5.875
980,000	CGS984U016X8L	0.007	23.8	3.000	8.625
20 WVdc (22 Vdc Surge)					
250,000	CGS254U020X3L	0.006	29.0	3.000	3.625
500,000	CGS504U020X5L	0.004	37.0	3.000	5.625
1,000,000	CGS105UGX8L6PD	0.003	41.0	3.000	8.625
1,000,000	CGS105UGX8L6PH	0.003	41.0	3.000	8.625
1,000,000	CGS105U020X5R	0.003	40.0	3.000	5.875
1,500,000	CGS155U020X8L	0.003	41.0	3.000	8.625

Type CGS High-Cap Screw Terminal Aluminum Electrolytic Capacitor

Cap (μ F)	Catalog Part Number	Max Typical ESR		Dia. (Inches)	Length (Inches)
		120 Hz (Ω)	120 Hz +85 °C (A) RMS		
25 WVdc (30 Vdc Surge)					
3,000	CGS302U025R2C	0.235	1.8	1.375	2.125
4,700	CGS472U025R2C	0.101	2.7	1.375	2.125
5,600	CGS562U025R3C	0.026	6.1	1.375	3.125
6,000	CGS602U025R2C	0.035	4.5	1.375	2.125
6,800	CGS682U025R2C	0.096	2.8	1.375	2.125
8,200	CGS822U025R4C	0.019	8.1	1.375	4.125
8,900	CGS892U025R3C	0.024	6.4	1.375	3.125
10,000	CGS103U025R3C	0.024	6.4	1.375	3.125
12,000	CGS123U025V3C	0.024	8.1	2.000	3.125
12,000	CGS123U025R3C	0.023	6.6	1.375	3.125
13,000	CGS133U025R4C	0.082	3.9	1.375	4.125
14,000	CGS143U025U3C	0.046	5.3	1.750	3.125
14,000	CGS143U025V2C	0.037	5.6	2.000	2.125
16,000	CGS163U025R4C	0.017	8.5	1.375	4.125
18,000	CGS183U025R4C	0.017	8.6	1.375	4.125
18,000	CGS183U025V4C	0.052	6.1	2.000	4.125
20,000	CGS203U025R3C	0.023	6.5	1.375	3.125
20,000	CGS203U025R5C	0.014	10.3	1.375	5.125
20,000	CGS203U025V3C	0.024	8.0	2.000	3.125
22,000	CGS223U025R2C	0.032	6.4	1.375	2.125
22,000	CGS223U025V2C	0.043	5.2	2.000	2.125
28,000	CGS283U025V3C	0.028	7.5	2.000	3.125
29,000	CGS293U025V4C	0.018	10.5	2.000	4.125
30,000	CGS303U025W3C	0.029	8.4	2.500	3.125
31,000	CGS313U025R2L	0.024	7.6	1.375	2.625
32,000	CGS323U025V4C	0.018	10.3	2.000	4.125
33,000	CGS333U025V3C	0.018	9.3	2.000	3.125
40,000	CGS403U025R3C	0.020	8.4	1.375	3.125
41,000	CGS413U025V4C	0.020	9.8	2.000	4.125
43,000	CGS433U025R4C	0.022	8.5	1.375	4.125
43,000	CGS433U025X4C	0.021	12.2	3.000	4.125
47,000	CGS473U025V4C	0.022	9.5	2.000	4.125
50,000	CGS503U025V5L	0.018	11.7	2.000	5.625
50,000	CGS503U025W3L	0.010	14.9	2.500	3.625
57,000	CGS573U025X5C	0.017	14.6	3.000	5.125
58,000	CGS583U025R4C	0.014	10.0	1.375	4.125
65,000	CGS653U025W4C	0.009	16.5	2.500	4.125
68,000	CGS683U025V4C	0.006	17.9	2.000	4.125
70,000	CGS703U025X4C	0.010	18.1	3.000	4.125
82,000	CGS823U025V3C	0.011	15.5	2.000	3.125
85,000	CGS853U025R5L	0.011	12.2	1.375	5.625
90,000	CGS903U025W5L	0.007	21.4	2.500	5.625
92,000	CGS923U025X5C	0.008	21.6	3.000	5.125
95,000	CGS953U025X4C	0.011	16.9	3.000	4.125
100,000	CGS104U025U4C	0.010	12.7	1.750	4.125
100,000	CGS104U025V5L	0.005	22.8	2.000	5.625
100,000	CGS104U025X3L	0.011	16.0	3.000	3.625
110,000	CGS114U025X5C	0.008	20.7	3.000	5.125
110,000	CGS114U025X5L	0.009	20.9	3.000	5.625
120,000	CGS124U025V4C	0.008	15.5	2.000	4.125
120,000	CGS124U025X4C	0.010	17.9	3.000	4.125
120,000	CGS124U050X5L	0.007	21.6	3.000	5.625
180,000	CGS184U025X4C	0.004	30.3	3.000	4.125
190,000	CGS194U025V5L	0.006	20.4	2.000	5.625
200,000	CGS204U025W4C	0.005	22.0	2.500	4.125
204,000	CGS2043U025X8L	0.006	29.9	3.000	8.625
270,000	CGS274U025X5L	0.003	36.6	3.000	5.625
270,000	CGS274UHX5L3PD	0.003	30.0	3.000	5.625
300,000	CGS304U025W5L	0.005	26.2	2.500	5.625
310,000	CGS314U025W5L	0.004	29.6	2.500	5.625
400,000	CGS404U025X5C	0.004	31.6	3.000	5.125
450,000	CGS454U025X5L	0.003	34.3	3.000	5.625
480,000	CGS484U025X5R	0.003	35.0	3.000	5.875
740,000	CGS744U025X8L	0.002	48.3	3.000	8.625

Cap (μ F)	Catalog Part Number	Typical Max Ripple		Dia. (Inches)	Length (Inches)
		ESR 120 Hz (Ω)	120 Hz +85 °C (A) RMS		
30 WVdc (40 Vdc Surge)					
4,500	CGS452U030R2C	0.037	4.4	1.375	2.125
5,000	CGS502U030R2C	0.037	4.5	1.375	2.125
8,000	CGS802U030R3C	0.024	6.4	1.375	3.125
9,200	CGS922U030R3C	0.024	6.4	1.375	3.125
12,000	CGS123U030R4C	0.018	8.4	1.375	4.125
13,000	CGS133U030R4C	0.018	8.4	1.375	4.125
15,000	CGS153U030R4L	0.016	9.3	1.375	4.625
20,000	CGS203U030R5L	0.013	11.0	1.375	5.625
30,000	CGS303U030V4C	0.019	10.0	2.000	4.125
33,000	CGS333U030V4C	0.020	9.8	2.000	4.125
44,000	CGS443U030W3C	0.015	11.7	2.500	3.125
50,000	CGS503U030V5L	0.016	12.7	2.000	5.625
55,000	CGS553U030W4C	0.009	16.3	2.500	4.125
78,000	CGS783U030X4C	0.011	16.8	3.000	4.125
100,000	CGS104U030X5L	0.008	22.4	3.000	5.625
35 WVdc (45 Vdc Surge)					
4,400	CGS442U035R2C	0.145	2.2	1.375	2.125
8,200	CGS822U035R3C	0.024	6.4	1.375	3.125
10,000	CGS103U035V2C	0.038	5.5	2.000	2.125
12,000	CGS123U035R4C	0.018	8.4	1.375	4.125
21,000	CGS213U035R3C	0.023	6.4	1.375	3.125
21,000	CGS213U035V3C	0.029	7.3	2.000	3.125
30,000	CGS303U035W3C	0.028	8.6	2.500	3.125
31,000	CGS313U035V4C	0.021	9.6	2.000	4.125
60,000	CGS603U035X5C	0.010	19.7	3.000	5.125
70,000	CGS703U035X4C	0.012	16.6	3.000	4.125
40 WVdc (50 Vdc Surge)					
2,200	CGS222U040R2C	0.044	4.1	1.375	2.125
2,700	CGS272U040R2C	0.042	4.2	1.375	2.125
3,500	CGS352U040R2C	0.038	4.4	1.375	2.125
4,200	CGS422U040R3C	0.028	6.0	1.375	3.125
4,700	CGS472U040R2C	0.036	4.5	1.375	2.125
5,100	CGS512U040R3C	0.026	6.1	1.370	3.125
6,000	CGS602U040R3C	0.025	6.2	1.375	3.125
6,200	CGS622U040R4C	0.020	7.9	1.375	4.125
7,500	CGS752U040R4C	0.019	8.1	1.375	4.125
9,000	CGS902U040R4C	0.019	8.2	1.375	4.125
9,300	CGS932U040V3C	0.024	8.1	2.000	3.125
11,000	CGS113U040V3C	0.024	8.0	2.000	3.125
12,000	CGS123U040R4C	0.049	5.0	1.375	4.125
12,000	CGS123U040V2C	0.067	4.2	2.000	2.125
13,000	CGS133U040R2C	0.033	6.0	1.375	2.125
13,000	CGS133U040V4C	0.017	10.5	2.000	4.125
17,000	CGS173U040R3C	0.025	6.1	1.375	3.125
17,000	CGS173U040V3C	0.029	7.4	2.000	3.125
17,000	CGS173U040V4C	0.018	10.4	2.000	4.125
18,000	CGS183U040R2L	0.025	7.1	1.375	2.625
20,000	CGS203U040V5L	0.014	13.6	2.000	5.625
22,000	CGS223U040V3C	0.031	7.1	2.000	3.125
23,000	CGS233U040R3C	0.021	7.9	1.375	3.125
23,000	CGS233U040V4C	0.020	9.9	2.000	4.125
32,000	CGS323U040V4C	0.021	9.5	2.000	4.125
33,000	CGS333U040V4C	0.021	9.7	2.000	4.125
34,000	CGS343U040R4C	0.015	9.4	1.375	4.125
35,000	CGS353U040V5L	0.015	12.8	2.000	5.625
40,000	CGS403U040V3C	0.014	9.9	2.000	3.125
40,000	CGS403U040W4C	0.010	16.3	2.500	4.125
40,000	CGS403U040X4C	0.010	18.1	3.000	4.125
43,000	CGS433U040X5C	0.020	13.8	3.000	5.125
47,000	CGS473U040V3C	0.014	11.0	2.000	3.125
47,000	CGS473U040W4C	0.010	15.8	2.500	4.125

Type CGS High-Cap Screw Terminal Aluminum Electrolytic Capacitor

Cap (μ F)	Catalog Part Number	Typical Max Ripple		Dia. (Inches)	Length (Inches)
		ESR 120 Hz (Ω)	120 Hz +85 °C (A) RMS		
400 WVdc (450 Vdc Surge)					
1,700	CGS172T400V4C	0.060	5.7	2.0	4.125
2,600	CGS262T400V5L	0.040	7.8	2.0	5.625
2,800	CGS282T400W4C	0.042	7.8	2.5	4.125
4,200	CGS422T400W5L	0.035	9.6	3.0	4.125
4,300	CGS432T400W5L	0.028	10.8	2.5	5.625
5,700	CGS572T400X5C	0.026	11.9	3.0	5.125
6,400	CGS642T400X5L	0.024	13.0	3.0	5.625
7,000	CGS702T400X5R	0.022	13.5	3.0	5.875
11,000	CGS113T400X8L	0.015	19.8	3.0	8.265
450 WVdc (525 Vdc Surge)					
75	CGS750T450R2C	0.835	0.9	1.375	2.125
100	CGS101T450R2C	0.737	1.0	1.375	2.125
140	CGS141T450R3C	0.496	1.4	1.375	3.125
170	CGS171T450R3C	0.456	1.5	1.375	3.125
210	CGS211T450R4C	0.332	1.9	1.375	4.125
240	CGS241T450R2C	0.416	1.3	1.375	2.125
250	CGS251T450R4C	0.308	2.0	1.375	4.125
320	CGS321T450V3C	0.253	2.5	2.000	3.125
350	CGS351T450R2L	0.288	1.7	1.375	2.625
350	CGS351T450R5C	0.226	3.2	1.375	5.125
400	CGS401T450R5L	0.198	2.9	1.375	5.625
450	CGS451T450V3C	0.188	2.9	2.000	3.125
460	CGS461T450R3C	0.221	2.1	1.375	3.125
480	CGS481T450V4C	0.171	3.4	2.000	4.125
620	CGS621T450V2L	0.201	2.6	2.000	2.625
650	CGS651T450V4C	0.154	3.7	2.000	4.125
680	CGS681T450R4C	0.151	2.9	1.375	4.125
800	CGS801T450V4L	0.108	4.4	2.000	4.625
930	CGS931T450V3C	0.116	3.7	2.000	3.125
970	CGS971T450V4C	0.096	4.5	2.000	4.125
1,000	CGS102T450R5L	0.103	4.0	1.375	5.625
1,000	CGS102T450V3L	0.100	4.1	2.000	3.625
1,000	CGS102T450W4C	0.082	5.5	2.500	4.125
1,100	CGS112T450U4C	0.094	4.1	1.750	4.125
1,100	CGS112T450X4C	0.076	6.5	3.000	4.125
1,400	CGS142T450V4C	0.076	5.0	2.000	4.125
1,400	CGS142T450V4L	0.069	5.5	2.000	4.625
1,400	CGS142T450V5L	0.059	6.5	2.000	5.625
1,400	CGS142T450W5C	0.060	7.1	2.500	5.125
1,500	CGS152T450X4C	0.059	7.4	3.000	4.125
1,500	CGS152T450X5C	0.057	8.1	3.000	5.125
1,700	CGS172T450W3L	0.063	6.0	2.500	3.625
1,800	CGS182T450V5L	0.054	5.4	2.000	5.625
1,800	CGS182T450X5R	0.048	9.3	3.000	5.875
1,900	CGS192T450X5L	0.052	7.6	3.000	5.625
2,000	CGS202T450X5C	0.045	9.1	3.000	5.125
2,200	CGS222T450V5L	0.051	6.9	2.000	5.625
2,200	CGS222T450X4C	0.045	8.4	3.000	4.125
2,300	CGS232T450W4C	0.052	7.0	2.500	4.125
2,400	CGS242T450W4C	0.048	7.2	2.500	4.125
2,400	CGS242T450W4L	0.055	7.1	2.500	4.625
2,400	CGS242T450X5L	0.038	10.3	3.000	5.625

Cap (μ F)	Catalog Part Number	Typical Max Ripple		Dia. (Inches)	Length (Inches)
		ESR 120 Hz (Ω)	120 Hz +85 °C (A) RMS		
450 WVdc (525 Vdc Surge)					
2,500	CGS252T450X3L	0.058	7.0	3.0	3.625
3,100	CGS312T450W5L	0.043	7.2	2.5	5.625
3,300	CGS332T450X5L	0.031	11.4	3.0	5.625
3,500	CGS352T450W5L	0.042	8.8	3.0	4.125
3,600	CGS362T450W5L	0.035	9.7	2.5	5.625
3,600	CGS362T450X4L	0.041	9.2	3.0	4.625
4,600	CGS462T450X5L	0.032	9.6	3.0	5.625
4,700	CGS472T450X5C	0.031	10.9	3.0	5.125
5,300	CGS532T450X5L	0.028	12.0	3.0	5.625
5,800	CGS582T450X5R	0.026	12.4	3.0	5.875
7,700	CGS772T450X8L	0.020	16.7	3.0	8.625
9,000	CGS902T450X8L	0.017	18.2	3.0	8.625
500 WVdc (550 Vdc Surge)					
160	CGS161T500R2C	0.610	1.1	1.375	2.125
240	CGS241T500R2L	0.422	1.4	1.375	2.625
240	CGS241T500U2C	0.416	1.6	1.750	2.125
310	CGS311T500R3C	0.323	1.8	1.375	3.125
310	CGS311T500V2C	0.322	2.0	2.000	2.125
361	CGS361T500U2L	0.282	2.1	1.750	2.625
380	CGS381T500R3L	0.262	2.1	1.375	3.625
450	CGS451T500R4C	0.220	2.4	1.375	4.125
460	CGS461T500V2L	0.225	2.6	2.000	2.625
530	CGS531T500R4L	0.190	2.7	1.375	4.625
600	CGS601T500R5C	0.167	3.0	1.375	5.125
620	CGS621T500U3L	0.164	3.2	1.750	3.625
620	CGS621T500V3C	0.165	3.2	2.000	3.125
670	CGS671T500R5L	0.150	3.5	1.375	5.625
750	CGS751T500U4C	0.136	3.6	1.750	4.125
790	CGS791T500V3L	0.131	3.8	2.000	3.625
880	CGS881T500U4L	0.116	4.1	1.750	4.625
950	CGS951T500V4C	0.108	4.4	2.000	4.125
1000	CGS102T500U5C	0.101	4.6	1.750	5.125
1000	CGS102T500W3C	0.101	4.7	2.500	3.125
1100	CGS112T500U5L	0.089	5.1	1.750	5.625
1100	CGS112T500V4L	0.092	5.0	2.000	4.625
1300	CGS132T500V5C	0.081	5.6	2.000	5.125
1300	CGS132T500W3L	0.080	5.6	2.500	3.625
1500	CGS152T500V5L	0.072	6.1	2.000	5.625
1600	CGS162T500W4C	0.066	6.5	2.500	4.125
1800	CGS182T500W4L	0.057	7.3	2.500	4.625
1900	CGS192T500X3L	0.057	7.5	3.000	3.625
2100	CGS212T500W5C	0.049	8.2	2.500	5.125
2300	CGS232T500X4C	0.047	8.7	3.000	4.125
2400	CGS242T500W5L	0.044	9.0	2.500	5.625
2700	CGS272T500Y3L	0.041	9.8	3.500	3.625
2800	CGS282T500X4L	0.040	9.8	3.000	4.625
3200	CGS322T500X5C	0.035	20.3	3.000	5.125
3300	CGS332T500Y4C	0.034	11.2	3.500	4.125
3500	CGS352T500X5L	0.030	12.1	3.000	5.625
4400	CGS442T500Y5C	0.025	14.1	3.500	5.125
4800	CGS482T500Y5L	0.023	15.2	3.500	5.625
6000	CGS602T500X8L	0.018	18.7	3.000	8.625
8300	CGS832T500Y8L	0.014	23.1	3.500	8.625

Type CGS High-Cap Screw Terminal Aluminum Electrolytic Capacitor

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