

ALUMINUM ELECTROLYTIC CAPACITORS

CGS SERIES SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS
(CONT.)

Mfg. Part No.	Cap.	ESR	Dia.	Height	Stock No.	Price Each 1-99+
10 V, 85 °C, +75%, -10%						
● CGS183U010R2C	18000µF	0.078ohm	35mm	54mm	90B2822	7.81
16 V, 85 °C, +75%, -10%						
● CGS114U016W4C	0.11F	0.01ohm	63.5mm	105mm	69K1799	50.40
● CGS214U016X5R	0.21F	0.005ohm	76.2mm	149mm	69K7591	69.73
● CGS243U016R3C	24000µF	0.032ohm	35mm	79.4mm	69K1843	32.54
● CGS253U016R4C	25000µF	0.016ohm	35mm	105mm	69K1847	32.19
● CGS383U016V3C	38000µF	0.021ohm	50.8mm	79.4mm	69K1861	30.02
● CGS503U016V3C	50000µF	0.011ohm	50.8mm	79.4mm	69K1880	40.10
● CGS553U016V3L	55000µF	0.018ohm	50.8mm	92mm	69K1883	33.31
● CGS663U016V4C	66000µF	0.017ohm	50.8mm	105mm	69K1895	34.52
25 V, 85 °C, +75%, -10%						
● CGS302U025R2C	3000µF	0.235ohm	35mm	54mm	18C5349	19.85
● CGS562U025R3C	5600µF	0.026ohm	35mm	79.4mm	60F3677	---
● CGS892U025R3C	8900µF	0.024ohm	35mm	79.4mm	69K1906	18.69
● CGS103U025R3C	10000µF	0.024ohm	35mm	79.4mm	69K1792	32.54
● CGS183U025R4C	18000µF	0.017ohm	35mm	105mm	69K1826	14.67
● CGS473U025V4C	47000µF	0.022ohm	50.8mm	105mm	69K1876	39.36
30 V, 85 °C, +75%, -10%						
● CGS104U030X5L	0.1F	0.008ohm	76.2mm	143mm	50B4883	67.48
● CGS802U030R3C	8000µF	0.024ohm	35mm	79.4mm	50F6803	30.72
● CGS303U030V4C	30000µF	0.019ohm	50.8mm	105mm	69K1854	37.85
● CGS553U030W4C	55000µF	0.009ohm	63.5mm	105mm	69K1884	41.82
35 V, 85 °C, +75%, -10%						
● CGS103U035V2C	10000µF	0.038ohm	50.8mm	54mm	73K0920	41.97
● CGS123U035R4C	12000µF	0.018ohm	35mm	105mm	69K1803	37.33
40 V, 85 °C, +75%, -10%						
● CGS222U040R2C	2200µF	0.044ohm	35mm	54mm	69K1835	18.93
● CGS272U040R2C	2700µF	0.042ohm	35mm	54mm	69K1849	11.23
● CGS352U040R3C	3500µF	0.038ohm	35mm	54mm	74K2455	30.35
● CGS472U040R2C	4700µF	0.036ohm	35mm	54mm	69K1875	32.35
● CGS512U040R3C	5100µF	0.026ohm	35mm	79.4mm	69K1881	34.09
● CGS602U040R3C	6000µF	0.025ohm	35mm	79.4mm	69K1890	12.60
● CGS902U040R4C	9000µF	0.019ohm	35mm	105mm	69K1907	35.70
● CGS113U040V3C	11000µF	0.024ohm	50.8mm	79.4mm	69K1798	17.68
● CGS223U040V3C	22000µF	0.031ohm	50.8mm	79.4mm	69K1837	39.79
● CGS233U040V4C	23000µF	0.02ohm	50.8mm	105mm	69K1839	30.43
● CGS403U040W4C	40000µF	0.01ohm	63.5mm	105mm	69K1864	46.81
50 V, 85 °C, +75%, -10%						
● CGS124U050X5L	0.12F	0.007ohm	76.2mm	143mm	92B7606	109.16
● CGS222U050R2C	2200µF	0.044ohm	35mm	54mm	94B9413	33.27
● CGS292U050R3C	2900µF	0.03ohm	35mm	79.4mm	69K1851	11.37
● CGS412U050R3C	4100µF	0.022ohm	35mm	79.4mm	69K1866	22.82
● CGS432U050R4C	4300µF	0.022ohm	35mm	105mm	69K1870	37.80
● CGS502U050R3C	5000µF	0.026ohm	35mm	79.4mm	94F3724	21.76
● CGS652U050V3C	6500µF	0.025ohm	50.8mm	79.4mm	69K1894	33.42
● CGS682U050R3C	6800µF	0.024ohm	35mm	79.4mm	69K1896	11.45
● CGS962U050V4C	9600µF	0.018ohm	50.8mm	105mm	69K1909	32.16
● CGS103U050R4C	10000µF	0.017ohm	35mm	105mm	69K1793	38.91
● CGS133U050V3C	13000µF	0.029ohm	50.8mm	79.4mm	90F1672	28.65
● CGS183U050V3C	18000µF	0.034ohm	50.8mm	79.4mm	34C6378	48.56
● CGS203U050V4C	20000µF	0.021ohm	50.8mm	105mm	69K1831	49.82
● CGS243U050W3C	24000µF	0.014ohm	63.5mm	79.4mm	07C9717	45.62
● CGS313U050W4C	31000µF	0.028ohm	63.5mm	105mm	92B4494	53.97
● CGS483U050X4C	48000µF	0.012ohm	76.2mm	105mm	07C9738	69.89
● CGS563U050X3L	56000µF	0.005ohm	76.2mm	92mm	69K1886	83.09
● CGS603U050X5C	60000µF	0.01ohm	76.2mm	130mm	69K1891	75.47
75 V, 85 °C, +75%, -10%						
● CGS152U075R3C	1500µF	0.041ohm	35mm	79.4mm	69K1814	35.84
● CGS222U075R2C	2200µF	0.041ohm	35mm	54mm	69K1836	32.35
● CGS292U075R3C	2900µF	0.032ohm	35mm	79.4mm	69K1852	30.69
● CGS422U075R4C	4200µF	0.023ohm	35mm	105mm	69K1869	40.40
● CGS482U075V3C	4800µF	0.03ohm	50.8mm	79.4mm	69K1878	20.15
● CGS632U075R5L	6300µF	0.017ohm	35mm	143mm	69K1892	27.12
● CGS103U075R3C	10000µF	0.029ohm	35mm	79.4mm	97B1168	47.05
● CGS103U075V3C	10000µF	0.041ohm	50.8mm	79.4mm	69K1794	47.30
● CGS123U075V4C	12000µF	0.026ohm	50.8mm	105mm	88F2673	51.37
● CGS153U075V5L	15000µF	0.018ohm	50.8mm	143mm	69K1817	39.45
● CGS173U075X4C	17000µF	0.033ohm	76.2mm	105mm	69K1824	61.27
● CGS373U075X5L	37000µF	0.01ohm	76.2mm	143mm	69K1860	89.50

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CGS SERIES SCREW TERMINAL ALUMINUM ELECTROLYTIC CAPACITORS
(CONT.)

Mfg. Part No.	Cap.	ESR	Dia.	Height	Stock No.	Price Each 1-99+
100 V, 85 °C, +75%, -10%						
● CGS122U100R3C	1200µF	0.062ohm	35mm	79.4mm	69K1801	22.38
● CGS103U100W4C	10000µF	0.04ohm	63.5mm	105mm	74K4900	41.74
● CGS153U100X4C	15000µF	0.051ohm	76.2mm	105mm	69K1818	79.04
150 V, 85 °C, +75%, -10%						
● CGS401U150R2C	400µF	0.137ohm	35mm	54mm	72K6625	31.98
● CGS112U150R4C	1100µF	0.064ohm	35mm	105mm	69K1797	31.91
● CGS352U150V5L	3500µF	0.031ohm	50.8mm	143mm	69K1859	35.07
200 V, 85 °C, +50%, -10%						
● CGS591T200R3C	590µF	0.151ohm	35mm	79.4mm	94F3726	12.10
● CGS102T200R4C	1000µF	0.113ohm	35mm	105mm	69K1788	35.25
● CGS162T200V3C	1600µF	0.074ohm	50.8mm	79.4mm	69K1819	39.30
● CGS202T200V4C	2000µF	0.057ohm	50.8mm	105mm	69K1828	51.37
● CGS222T200V4C	2200µF	0.054ohm	50.8mm	105mm	07C9712	41.45
● CGS272T200V4C	2700µF	0.048ohm	50.8mm	105mm	01C6229	46.20
● CGS502T200W5C	5000µF	0.036ohm	63.5mm	130mm	69K1879	41.17
● CGS42T200X4L	5400µF	0.021ohm	76.2mm	117.5mm	69K1882	93.48
● CGS742T200X5L	7400µF	0.018ohm	76.2mm	143mm	69K1899	117.17
● CGS772T200X5L	7700µF	0.018ohm	76.2mm	143mm	69K1901	75.47
250 V, 85 °C, +50%, -10%						
● CGS201T250R2C	200µF	0.241ohm	35mm	54mm	69K1827	12.17
● CGS251T250R2C	250µF	0.278ohm	35mm	54mm	69K1844	32.35
● CGS551T250R4C	550µF	0.098ohm	35mm	105mm	69K8372	34.84
● CGS122T250V3C	1200µF	0.08ohm	50.8mm	79.4mm	69K1800	35.20
● CGS422T250W5L	4200µF	0.023ohm	63.5mm	143mm	69K1868	75.70
● CGS602T250X5L	6000µF	0.047ohm	76.2mm	143mm	69K1888	120.78
● CGS103T250X5L	10000µF	0.016ohm	76.2mm	143mm	94B0709	147.85
350 V, 85 °C, +50%, -10%						
● CGS381T350R4C	380µF	0.318ohm	35mm	105mm	07C9729	25.23
● CGS102T350V4C	1000µF	0.14ohm	50.8mm	105mm	69K1789	11.12
● CGS222T350W5L	2200µF	0.063ohm	63.5mm	143mm	69K1833	87.82
● CGS332T350X5L	3300µF	0.044ohm	76.2mm	143mm	69K1856	115.70
450 V, 85 °C, +50%, -10%						
● CGS101T450R2C	100µF	0.737ohm	35mm	54mm	69K1787	16.96
● CGS141T450R3C	140µF	0.496ohm	35mm	79.4mm	69K1809	34.09
● CGS171T450R3C	170µF	0.456ohm	35mm	79.4mm	69K1821	13.92
● CGS211T450R4C	210µF	0.332ohm	35mm	105mm	69K1832	35.56
● CGS321T450V3C	320µF	0.253ohm	50.8mm	79.4mm	69K1855	48.45
● CGS401T450R5L	400µF	0.198ohm	35mm	143mm	69K1862	35.50
● CGS451T450V3C	450µF	0.188ohm	50.8mm	79.4mm	69K1873	40.06
● CGS481T450V4C	480µF	0.171ohm	50.8mm	105mm	69K1877	36.92
● CGS651T450V4C	650µF	0.154ohm	50.8mm	105mm	69K1893	41.30
● CGS801T450V4L	800µF	0.108ohm	50.8mm	117.5mm	72K7276	58.24
● CGS102T450W4C	1000µF	0.082ohm	63.5mm	105mm	69K1790	76.40
● CGS142T450W5C	1400µF	0.06ohm	63.5mm	130mm	69K1811	91.37
● CGS152T450X5C	1500µF	0.057ohm	76.2mm	130mm	69K1813	78.72
● CGS182T450X5R	1800µF	0.048ohm	76.2mm	149mm	69K1825	86.45
● CGS202T450X5C	2000µF	0.045ohm	76.2mm	130mm	69K1829	119.89
● CGS222T450X4C	2200µF	0.045ohm	76.2mm	105mm	69K1834	103.77
● CGS242T450X5L	2400µF	0.038ohm	76.2mm	143mm	69K1840	148.93
● CGS472T450X5C	4700µF	0.031ohm	76.2mm	130mm	69K1874	220.93

PIM_7141

HYBRID SURFACE MOUNT ALUMINUM
ELECTROLYTIC CAPACITORS

Features:

- Endurance: 10000h @ 105°C (ZA series); 4000h @ 102°C (ZC series)
- Low ESR and high ripple current
- AEC-Q200 qualified

Specifications:

- Tolerance: ±20%
- Temperature range: -55°C to +105°C (ZA series); -55°C to +125°C (ZC series)
- Rated voltage range: 25VDC to 80VDC (ZA series); 25VDC to 63VDC (ZC series)
- Nominal capacitance range: 10µF to 330µF

- DC leakage current: $1 \leq 0.01CV$ or $3\mu A$ after 2 minutes (whichever is greater)



Mfg. Part No.	Cap.	Tol.	ESR	Dia.	Height	Stock No.	Tape Cut 1-9+
25 V, 105 °C							
● EEH-ZA1E330R	33µF	±20%	0.08ohm	5mm	5.8mm	91T4887	0.18
● EEH-ZA1E560P	56µF	±20%	0.08ohm	6.3mm	5.8mm	58T1739	0.19
● EEH-ZA1E101XP	100µF	±20%	0.03ohm	6.3mm	7.7mm	91T4885	2.07

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