

ALUMINUM ELECTROLYTIC CAPACITORS

HCGF6 Series • Life rating to 2000 hours at 85°C • Temperature range -25°C to +85°C

Rated Voltage (WVDC)	Part Number	Capacitance	Case Size ØD x L (mm)	Maximum Ripple Current (A rms) @40° C, 120Hz	Maximum ESR (mΩ)	Typical ESL (nH)
400 Volts (Code: 2G)	HCGF6A2G222YC12R	2,200	51 X 115	16.5	58	20
	HCGF6A2G272YC13R	2,700	51 X 130	19.2	48	25
	HCGF6A2G272YD10R		64 X 96	18.7	48	25
	HCGF6A2G332YD10R	3,300	64 X 96	20.7	39	27
	HCGF6A2G392YD12R	3,900	64 X 115	24.1	33	30
	HCGF6A2G472YD13R	4,700	64 X 130	27.8	27	30
	HCGF6A2G562YE12R	5,600	77 X 115	30.6	25	35
	HCGF6A2G682YE13R	6,800	77 X 130	35.4	21	35
	HCGF6A2G822YE16R	8,200	77 X 155	41.6	17	40
	HCGF6A2G103YE20R	10,000	77 X 195	50.5	17	40
	HCGF6A2G103YF13R		90 X 131	45.8	14	45
	HCGF6A2G123YF16R	12,000	90 X 157	53.8	12	45
	HCGF6A2G153YF20R	15,000	90 X 196	65.7	10	50
	HCGF6A2G183YF24R	18,000	90 X 236	77.7	9	55
HCGF6A2G183YG18R	101 X 175		69.8	9	60	
HCGF6A2G223YG24R	22,000	101 X 237	86.8	8	60	
450 Volts (Code: 2W)	HCGF6A2W182YC12R	1,800	51 X 115	14.9	77	20
	HCGF6A2W222YC13R	2,200	51 X 130	17.3	63	20
	HCGF6A2W222YD10R		64 X 96	16.9	63	20
	HCGF6A2W272YD10R	2,700	64 X 96	18.7	52	25
	HCGF6A2W332YD12R	3,300	64 X 115	22.2	42	30
	HCGF6A2W392YD13R	3,900	64 X 130	25.3	38	30
	HCGF6A2W472YE12R	4,700	77 X 115	28.1	34	30
	HCGF6A2W562YE13R	5,600	77 X 130	32.1	31	35
	HCGF6A2W682YE16R	6,800	77 X 155	37.9	25	40
	HCGF6A2W822YE20R	8,200	77 X 195	45.8	21	40
	HCGF6A2W822YF13R		90 X 131	41.5	21	40
	HCGF6A2W103YF17R	10,000	90 X 171	50.6	17	40
	HCGF6A2W123YF20R	12,000	90 X 196	58.7	16	45
	HCGF6A2W123YG18R		101 X 175	57.0	16	55
HCGF6A2W153YF24R	15,000	90 X 236	70.9	15	45	
HCGF6A2W153YG20R		101 X 195	66.5	15	60	
HCGF6A2W183YG24R	18,000	101 X 237	78.5	14	60	
500 Volts (Code: 2H)	HCGF6A2H122YC12R	1,200	51 X 115	12.2	112	21
	HCGF6A2H122YD10R		64 X 96	12.5	112	21
	HCGF6A2H152YC13R	1,500	51 X 130	14.3	90	21
	HCGF6A2H152YD10R		64 X 96	13.9	90	21
	HCGF6A2H182YD12R	1,800	64 X 115	16.4	75	25
	HCGF6A2H222YD13R	2,200	64 X 130	19.0	61	25
	HCGF6A2H272YE12R	2,700	77 X 115	21.3	50	30
	HCGF6A2H332YE13R	3,300	77 X 130	24.6	45	30
	HCGF6A2H392YE16R	3,900	77 X 155	28.7	38	35
	HCGF6A2H472YE17R	4,700	77 X 171	32.9	34	35
	HCGF6A2H472YF13R		90 X 131	31.4	34	35
	HCGF6A2H562YE20R	5,600	77 X 195	37.8	28	35
	HCGF6A2H562YF16R		90 X 157	36.7	28	35
	HCGF6A2H682YF17R	6,800	90 X 171	41.8	23	40
	HCGF6A2H822YF20R	8,200	90 X 196	48.5	21	45
	HCGF6A2H822YG18R		101 X 175	47.1	21	55
HCGF6A2H103YF24R	10,000	90 X 236	57.9	17	50	
HCGF6A2H103YG20R		102 X 195	54.3	17	60	
HCGF6A2H123YG24R	12,000	101 X 237	64.1	16	60	