

ALUMINUM ELECTROLYTIC CAPACITORS

HCG7A 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	Typical ESR (mΩ) @20° C, 120Hz	Typical ESL (nH)
6.3 Volts (Code: 0J)	HCG7A0J473IA5	47,000	36 X 53	13.4	47	11
	HCG7A0J683IA6	68,000	36 X 65	14.8	33	15
	HCG7A0J104IA8	100,000	36 X 83	19.7	22	15
	HCG7A0J154YC8PH	150,000	51 X 83	25.6	15	20
	HCG7A0J224YC10PH	220,000	51 X 100	33.5	11	25
	HCG7A0J334YD10PH	330,000	64 X 100	43.6	8	30
	HCG7A0J474YD12PH	470,000	64 X 121	50.8	7	35
	HCG7A0J684YE12PH	680,000	77 X 121	54.4	5	40
10 Volts (Code: 1A)	HCG7A1A333IA5	33,000	36 X 53	11.9	25	10
	HCG7A1A473IA6	47,000	36 X 65	15.2	18	15
	HCG7A1A683IA8	68,000	36 X 83	20.3	13	15
	HCG7A1A104IA12	100,000	36 X 121	25.0	11	20
	HCG7A1A154YC8PH	150,000	51 X 83	27.6	7	25
	HCG7A1A224YC12PH	220,000	51 X 121	37.6	5	35
	HCG7A1A334YD12PH	330,000	64 X 121	46.5	5	40
	HCG7A1A474YE12PH	470,000	77 X 121	52.0	4	50
16 Volts (Code: 1C)	HCG7A1C223IA5	22,000	36 X 53	11.2	25	10
	HCG7A1C333IA6	33,000	36 X 65	14.8	17	15
	HCG7A1C473IA8	47,000	36 X 83	19.6	12	15
	HCG7A1C683IA12	68,000	36 X 121	27.7	11	20
	HCG7A1C104YC8PH	100,000	51 X 83	29.4	8	25
	HCG7A1C154YC12PH	150,000	51 X 121	34.0	5	35
	HCG7A1C224YD10PH	220,000	64 X 100	39.7	4	45
	HCG7A1C334YE12PH	330,000	77 X 121	49.2	4	50
25 Volts (Code: 1E)	HCG7A1E223IA6	22,000	36 X 65	12.1	22	10
	HCG7A1E333IA8	33,000	36 X 83	14.2	15	15
	HCG7A1E473IA12	47,000	36 X 121	19.8	10	15
	HCG7A1E683YC10PH	68,000	51 X 100	25.1	7	20
	HCG7A1E104YC12PH	100,000	51 X 121	28.5	6	25
	HCG7A1E154YD10PH	150,000	64 X 100	34.7	5	30
	HCG7A1E224YD15PH	220,000	64 X 144	48.9	4	40
	HCG7A1E334YE15PH	330,000	77 X 144	52.7	3	50
35 Volts (Code: 1V)	HCG7A1V103IA5	10,000	36 X 53	9.6	20	10
	HCG7A1V153IA6	15,000	36 X 65	10.7	16	10
	HCG7A1V223IA8	22,000	36 X 83	13.4	14	15
	HCG7A1V333IA12	33,000	36 X 121	19.4	12	20
	HCG7A1V473YC8PH	47,000	51 X 83	22.5	8	20
	HCG7A1V683YC10PH	68,000	51 X 100	27.6	7	25
	HCG7A1V104YD10PH	100,000	64 X 100	29.5	6	30
	HCG7A1V154YD15PH	150,000	64 X 144	41.4	5	45
HCG7A1V224YE15PH	222,000	77 X 144	46.8	4	50	
50 Volts (Code: 1H)	HCG7A1H682IA5	6,800	36 X 53	8.8	44	15
	HCG7A1H103IA6	10,000	36 X 65	11.6	30	15
	HCG7A1H153IA8	15,000	36 X 83	12.7	20	15
	HCG7A1H223IA12	22,000	36 X 121	18.2	14	20
	HCG7A1H333YC8PH	33,000	51 X 83	20.3	9	20
	HCG7A1H473YC10PH	47,000	51 X 100	25.9	8	25
	HCG7A1H683YD10PH	68,000	64 X 100	32.2	6	35
	HCG7A1H104YD15PH	100,000	64 X 144	36.8	5	45
HCG7A1H154YE15PH	150,000	77 X 144	37.8	4	50	

