

372152

450 Volt d.c.		Price Each				
µF	Order Code	1+	50+	100+	500+	+
6.8	812-6925	60.00	52.00	45.00	42.00	--
10	812-6887	86.00	75.00	64.00	60.00	--
22	812-6895	166.00	145.00	126.00	116.00	--
33	812-6909	222.00	194.00	168.00	155.00	--
47	812-6917	282.00	247.00	214.00	198.00	--

UHD Series – Low Impedance 105°C



- High performance miniature radial electrolytic
- High temperature – 105°C
- Low impedance
- High ripple current capability
- Laminated case
- Markings on case top for easy identification in high density board population

Operating temperature: -40°C to +105°C
 Tolerance: ±20%
 Useful life @ 85°C: 2000 hrs
 DC Leakage current (max): 0.01CV or 3µA whichever greater
 Ripple current measured at Impedance measured at: 100kHz @ 105°C / 100kHz @ 20°C

µF	Ripple (mA)	Impedance (Ω)	Dimensions H Dia.	Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
6.3 Volt d.c.							
1000	1030	0.053	12.5 10	0.6 5		UHD0J102MPD	882-2778
2200	2150	0.022	25 10	0.6 5		UHD0J222MPD	882-2786
4700	3290	0.016	31.5 12.5	0.8 5		UHD0J472MHD	882-2794
10 Volt d.c.							
100	250	0.3	11 5	0.5 2		UHD1A101MDD	882-2808
470	760	0.072	11.5 8	0.6 3.5		UHD1A471MPD	882-2816
1000	1430	0.038	16 10	0.6 5		UHD1A102MPD6	882-2824
2200	2360	0.021	35.5 12.5	0.8 5		UHD1A222MHD	882-2832
16 Volt d.c.							
470	1030	0.053	12.5 10	0.6 5		UHD1C471MPD6	882-2840
1000	1820	0.023	20 10	0.6 5		UHD1C102MPD	882-2859
2200	2770	0.018	25 12.5	0.8 5		UHD1C222MHD	882-2867
25 Volt d.c.							
47	250	0.3	11 5	0.5 2		UHD1E470MDD	882-2875
100	405	0.13	11 6.3	0.5 2.5		UHD1E101MED	882-2883
470	1430	0.038	16 10	0.6 5		UHD1E471MPD6	882-2891
1000	2360	0.021	20 12.5	0.6 5		UHD1E102MHD	882-2905
35 Volt d.c.							
220	1030	0.042	12.5 10	0.6 5		UHD1V221MPD6	882-2913
470	1820	0.027	20 10	0.6 5		UHD1V471MPD	882-2921
1000	2770	0.021	25 12.5	0.8 5		UHD1V102MHD	882-2930
50 Volt d.c.							
22	238	0.34	11 5	0.5 2		UHD1H220MDD	882-2948
100	724	0.074	11.5 8	0.6 3.5		UHD1H101MPD	882-2956
470	2050	0.027	20 12.5	0.6 5		UHD1H471MHD	882-2964
1000	3010	0.021	25 16	0.8 7.5		UHD1H102MHD	882-2972

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Price Each		Price Each				
µF	Order Code	1+	50+	100+	500+	+
6.3 Volt d.c.						
1000	882-2778	34.00	27.00	25.00	23.00	--
2200	882-2786	54.00	43.00	40.00	37.00	--
4700	882-2794	85.00	70.00	66.00	61.00	--
10 Volt d.c.						
100	882-2808	13.00	11.00	10.00	10.00	--
470	882-2816	29.00	23.00	22.00	21.00	--
1000	882-2824	41.00	34.00	31.00	29.00	--
2200	882-2832	67.00	56.00	52.00	49.00	--
16 Volt d.c.						
470	882-2840	32.00	26.00	24.00	22.00	--
1000	882-2859	54.00	44.00	41.00	37.00	--
2200	882-2867	90.00	74.00	69.00	65.00	--
25 Volt d.c.						
47	882-2875	17.00	13.00	12.00	11.00	--
100	882-2883	22.00	18.00	17.00	15.00	--
470	882-2891	46.00	37.00	35.00	32.00	--
1000	882-2905	71.00	59.00	54.00	51.00	--
35 Volt d.c.						
220	882-2913	34.00	28.00	25.00	23.00	--
470	882-2921	59.00	49.00	45.00	41.00	--
1000	882-2930	89.00	73.00	68.00	63.00	--
50 Volt d.c.						
22	882-2948	17.00	13.00	12.00	11.00	--
100	882-2956	31.00	25.00	23.00	22.00	--
470	882-2964	73.00	61.00	56.00	52.00	--
1000	882-2972	108.00	88.00	82.00	76.00	--

FC Series – Low Impedance 105°C



- High performance miniature radial electrolytic
- High temperature 105°C
- Low impedance
- Long life

Operating temperature: -55°C to +105°C
 Tolerance: ±20%
 Leakage current: 0.01CV or 3µA whichever is greater
 Operating life @ 105°C: Dependent on case dia. 4.0 to 6.3 1000hrs, 8.0 2000hrs, 10 3000hrs, 12.5 5000hrs
 Ripple current measured at Impedance measured at: 100kHz @ 105°C / 100kHz @ 20°C

µF	Ripple (mA)	Impedance (Ω)	Dimensions H Dia.	Lead Dia.	Lead Pitch	Mfrs. List No.	Order Code
6.3 Volt d.c.							
560	555	0.117	11.5 8	0.6 3.5		EEUFC0J561	969-1847
1000	755	0.09	12.5 10	0.6 5		EEUFC0J102	969-1855
1200	1050	0.068	16 10	0.6 5		EEUFC0J122	969-1863
2700	1690	0.43	15 16	0.8 7.5		EEUFC0J272S	969-1871
3900	1945	0.03	25 12.5	0.6 5		EEUFC0J392	969-1880
4700	2310	0.025	30 12.5	0.8 5		EEUFC0J472	969-1898
5600	2205	0.029	20 16	0.8 7.5		EEUFC0J562	969-1901
6800	2555	0.022	25 16	0.8 7.5		EEUFC0J682	969-1910
10 Volt d.c.							
180	290	0.35	11.2 6.3	0.5 2.5		EEUFC1A181	969-1928
220	400	0.25	15 6.3	0.5 2.5		EEUFC1A221	969-1936
470	555	0.117	11.5 8	0.6 3.5		EEUFC1A471	969-1944
1000	1050	0.068	16 10	0.6 5		EEUFC1A102	969-1952
1200	1220	0.052	20 10	0.6 5		EEUFC1A122	969-1960
2200	1655	0.038	20 12.5	0.6 5		EEUFC1A222	969-1979
3300	2310	0.025	30 12.5	0.6 5		EEUFC1A332	969-1987
5600	2555	0.022	25 16	0.8 7.5		EEUFC1A562	969-1995
6800	3010	0.018	31.5 16	0.8 7.5		EEUFC1A682	969-2002
10000	3680	0.015	35.5 18	0.8 7.5		EEUFC1A103	969-2010
16 Volt d.c.							
82	235	0.5	15 5	0.5 2		EEUFC1C820	969-2029
180	400	0.25	15 6.3	0.5 2.5		EEUFC1C181	969-2037
330	555	0.117	11.5 8	0.6 3.5		EEUFC1C331	969-2045
470	755	0.09	12.5 10	0.6 5		EEUFC1C471	969-2053
820	1220	0.052	20 10	0.6 5		EEUFC1C821	969-2061
1200	1440	0.045	25 10	0.6 5		EEUFC1C122	969-2070
2200	1945	0.03	25 12.5	0.6 5		EEUFC1C222	969-2088
3300	2510	0.022	35 12.5	0.8 5		EEUFC1C332	969-2096
4700	3010	0.018	31.5 16	0.8 7.5		EEUFC1C472	969-2100
5600	3635	0.016	31.5 18	0.8 7.5		EEUFC1C562	969-2118
8200	3680	0.015	35.5 18	0.8 7.5		EEUFC1C822	969-2126
25 Volt d.c.							
120	400	0.25	15 6.3	0.5 2.5		EEUFC1E121	969-2134
220	555	0.117	11.5 8	0.6 3.5		EEUFC1E221	969-2142
330	755	0.09	12.5 10	0.6 5		EEUFC1E331	969-2150
470	1050	0.068	16 10	0.6 5		EEUFC1E471	969-2169
560	1220	0.052	20 10	0.6 5		EEUFC1E561	969-2177
820	1440	0.045	25 10	0.6 5		EEUFC1E821	969-2185
1000	1655	0.038	20 12.5	0.6 5		EEUFC1E102	969-2193
1800	2205	0.029	20 16	0.8 7.5		EEUFC1E182	969-2207
2200	2510	0.022	35 12.5	0.8 5		EEUFC1E222	969-2215
3300	3010	0.018	31.5 16	0.8 7.5		EEUFC1E332	969-2223
4700	3680	0.015	35.5 18	0.8 7.5		EEUFC1E472	969-2231
35 Volt d.c.							
39	235	0.5	15 5	0.5 2		EEUFC1V390	969-2240
56	290	0.35	11.2 6.3	0.5 2.5		EEUFC1V560	969-2258
82	400	0.25	15 6.3	0.5 2.5		EEUFC1V820	969-2266
150	555	0.117	11.5 8	0.6 3.5		EEUFC1V151	969-2274
220	755	0.09	12.5 10	0.6 5		EEUFC1V221	969-2282
330	1050	0.068	16 10	0.6 5		EEUFC1V331	969-2290
680	1655	0.038	20 12.5	0.6 5		EEUFC1V681	969-2304
1000	1945	0.03	25 12.5	0.6 5		EEUFC1V102	969-2312
1200	2205	0.029	20 16	0.6 7.5		EEUFC1V122	969-2320
1800	2555	0.022	25 16	0.6 7.5		EEUFC1V182	969-2339
2200	3010	0.018	31.5 16	0.8 7.5		EEUFC1V222	969-2347
3300	3680	0.015	35.5 18	0.8 7.5		EEUFC1V332	969-2355
50 Volt d.c.							
10	90	2.5	11 4	0.45 1.5		EEUFC1H100	969-2363
18	155	1.3	11 5	0.5 2		EEUFC1H180	969-2371
27	215	0.9	11 5	0.5 2		EEUFC1H270	969-2398
33	260	0.6	11.2 6.3	0.5 2.5		EEUFC1H330	969-2401
82	485	0.234	11.5 8	0.6 3.5		EEUFC1H820	969-2410
120	615	0.162	12.5 10	0.6 5		EEUFC1H121	969-2428
270	1200	0.082	25 10	0.6 5		EEUFC1H271	969-2436
390	1480	0.063	20 12.5	0.6 5		EEUFC1H391	969-2444
680	1835	0.048	20 16	0.6 7.5		EEUFC1H681	969-2452
1000	2235	0.034	25 16	0.6 7.5		EEUFC1H102	969-2460
1200	2700	0.028	31.5 16	0.8 7.5		EEUFC1H122	969-2479
2200	3100	0.023	35.5 18	0.8 7.5		EEUFC1H222	969-2487
63 Volt d.c.							
22	240	1	11.2 6.3	0.5 2.5		EEUFC1J220	969-2495
39	330	0.7	15 6.3	0.5 2.5		EEUFC1J390	969-2509
100	535	0.256	12.5 10	0.6 5		EEUFC1J101	