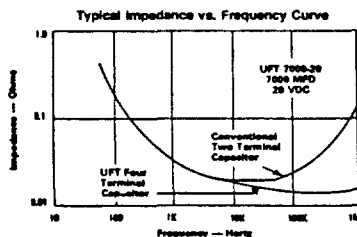
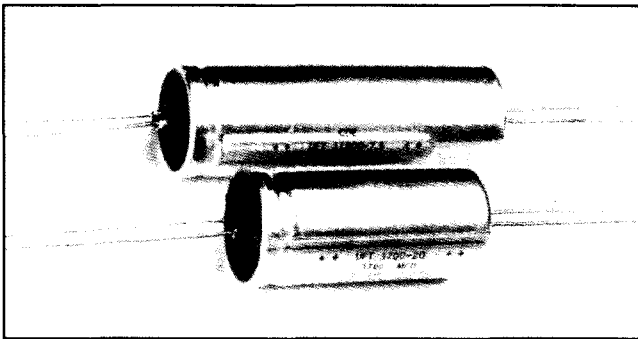


Rugged 4 Terminal, Ultra-Low Impedance, 105°C

Type UFT - 18 AWG Leads, 20 Amps/Type UFTA-16 AWG Leads, 45 Amps



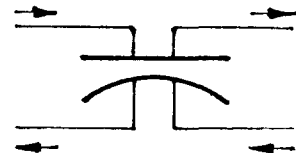
These capacitors are designed for rugged switching power supplies and military or other applications requiring ultra low impedance above 10kHz through a wide temperature range. They are constructed with solid aluminum feed-through cores and with unique 4-terminal connection which reduces the inductance to approximately one nanohenry and provides an effective isolation of the load from the power supply. They can withstand high vibration (10g 500Hz) and shock; a modified version is available with higher vibration (20g 2000Hz). They are the commercial equivalent to military 39018/7(CUR19) except with higher vibration capability.

Performance Highlights:

- Capacitance 50 uF to 16000 uF, -10% + 75%
- Voltage 5 Vdc to 200 Vdc
- Operating temperature -55°C to +105°C

- 10,000 hours load life test at +85°C
- 5 years shelf life test at +40°C
- Leakage current ≤ 0.003 CV uA at 25°C
- Through current

UFT: 20 A max
UFTA: 45 A max



Ratings:

Capacitance uF	Impedance 10kHz-1MHz	ripple, amps 10kHz-1MHz, 85°C	Nominal Size D x L (inches)	Catalog Number
5 Vdc — 7 Vdc Surge				
2400	0.110	1.5	3/4 x 1 1/8	UFT2400-5GJ
3300	0.080	1.8	3/4 x 2 1/8	UFT3300-5GL
3700	0.071	1.9	7/8 x 1 1/8	UFT3700-5HJ
4400	0.060	2.5	3/4 x 2 3/8	UFT4400-5GP
5000	0.053	2.5	7/8 x 2 1/8	UFT5000-5HL
5700	0.047	3.1	3/4 x 3 1/8	UFT5700-5GS
6700	0.039	3.2	7/8 x 2 3/8	UFT6700-5HP
7200	0.037	3.5	1 x 2 1/8	UFT7200-5JL
8800	0.030	4.0	7/8 x 3 1/8	UFT8800-5HS
10000	0.026	4.6	1 x 2 3/8	UFT10000-5JP
13000	0.020	5.6	1 x 3 1/8	UFT13000-5JS
16000	0.017	7.0	1 x 3 3/8	UFT16000-5JT
7.5 Vdc — 10 Vdc Surge				
2000	0.130	1.4	3/4 x 1 1/8	UFT2000-7R5GJ
3000	0.087	1.8	7/8 x 1 1/8	UFT3000-7R5HJ
3800	0.070	2.4	3/4 x 2 3/8	UFT3800-7R5GP
4400	0.059	2.4	7/8 x 2 1/8	UFT4400-7R5HL
4800	0.055	2.4	1 x 1 1/8	UFT4800-7R5JJ
5000	0.053	3.0	3/4 x 3 1/8	UFT5000-7R5GS
5800	0.046	3.1	7/8 x 2 3/8	UFT5800-7R5HP
6200	0.043	3.3	1 x 2 1/8	UFT6200-7R5JL
7500	0.035	3.8	7/8 x 3 1/8	UFT7500-7R5HS
9000	0.029	4.4	1 x 2 3/8	UFT9000-7R5JP
11000	0.024	5.3	1 x 3 1/8	UFT11000-7R5JS
14000	0.019	6.6	1 x 3 3/8	UFT14000-7R5JT

Capacitance uF	Impedance 10kHz-1MHz	ripple, amps 10kHz-1MHz, 85°C	Nominal Size D x L (inches)	Catalog Number
10 Vdc — 15 Vdc Surge				
1700	0.144	1.3	3/4 x 1 1/8	UFT1700-10GJ
2300	0.107	1.7	3/4 x 2 1/8	UFT2300-10GL
2600	0.094	1.7	7/8 x 1 1/8	UFT2600-10HJ
3000	0.082	2.2	3/4 x 2 3/8	UFT3000-10GP
3600	0.068	2.2	7/8 x 2 1/8	UFT3600-10HL
4100	0.060	2.8	3/4 x 3 1/8	UFT4100-10GS
4800	0.051	2.9	7/8 x 2 3/8	UFT4800-10HP
5100	0.048	3.2	1 x 2 1/8	UFT5100-10JL
6300	0.039	3.6	7/8 x 3 1/8	UFT6300-10HS
7500	0.033	4.1	1 x 2 3/8	UFT7500-10JP
9700	0.025	5.0	1 x 3 1/8	UFT9700-10JS
12000	0.021	6.2	1 x 3 3/8	UFT12000-10JT
16 Vdc — 20 Vdc Surge				
1400	0.149	1.2	3/4 x 1 1/8	UFT1400-16GJ
1900	0.110	1.6	3/4 x 2 1/8	UFT1900-16GL
2100	0.100	1.6	7/8 x 1 1/8	UFT2100-16HJ
2700	0.077	2.0	7/8 x 2 1/8	UFT2700-16HL
3400	0.061	2.6	3/4 x 3 1/8	UFT3400-16GS
4200	0.050	2.9	1 x 2 1/8	UFT4200-16JL
5200	0.041	3.3	7/8 x 3 1/8	UFT5200-16HS
6100	0.035	3.9	1 x 2 3/8	UFT6100-16JP
6400	0.033	4.1	7/8 x 3 1/8	UFT6400-16HT
8000	0.026	4.7	1 x 3 1/8	UFT8000-16JS
10000	0.021	5.9	1 x 3 3/8	UFT10000-16JT

For 16 AWG leads change catalog number from UFT to UFTA

For body groove and 20g vibration capability change catalog number from UFTA to UFTG

AXIAL LEADED CAPACITORS

Capacitance uF	Impedance 10kHz-1MHz	ripple, amps 10kHz-1MHz, 85°C	Nominal Size D x L (inches)	Catalog Number
20 Vdc — 25 Vdc Surge				
1200	0.170	1.2	3/4 x 1 1/2	UFT1200-20GJ
1800	0.011	1.5	7/8 x 1 1/2	UFT1800-20HJ
2200	0.092	2.0	3/4 x 2 1/2	UFT2200-20GP
2400	0.084	1.9	7/8 x 2 1/2	UFT2400-20HL
2900	0.070	2.5	3/4 x 3 1/2	UFT2900-20GS
3400	0.060	2.6	7/8 x 2 1/2	UFT3400-20HP
3700	0.055	2.7	1 x 2 1/2	UFT3700-20JL
4500	0.045	3.3	7/8 x 3 1/2	UFT4500-20HS
5300	0.039	3.5	1 x 2 1/2	UFT5300-20JP
7000	0.030	4.5	1 x 3 1/2	UFT7000-20JS
8600	0.024	5.5	1 x 3 1/2	UFT8600-20JT
25 Vdc — 30 Vdc Surge				
900	0.224	1.05	3/4 x 1 1/2	UFT900-25GJ
1200	0.168	1.4	3/4 x 2 1/2	UFT1200-25GL
1600	0.126	1.75	3/4 x 2 1/2	UFT1600-25GP
2000	0.102	1.9	7/8 x 2 1/2	UFT2000-25HL
2500	0.081	2.4	1 x 2 1/2	UFT2500-25JL
2800	0.072	3.0	7/8 x 2 1/2	UFT2800-25HP
3600	0.056	3.25	1 x 2 1/2	UFT3600-25JP
4700	0.043	4.0	1 x 3 1/2	UFT4700-25JS
5700	0.036	4.65	1 x 3 1/2	UFT5700-25JT
30 Vdc — 40 Vdc Surge				
700	0.262	1.0	3/4 x 1 1/2	UFT700-30GJ
900	0.204	1.25	3/4 x 2 1/2	UFT900-30GL
1300	0.141	1.7	3/4 x 2 1/2	UFT1300-30GP
1600	0.114	1.75	7/8 x 2 1/2	UFT1600-30HL
2000	0.092	2.25	1 x 2 1/2	UFT2000-30JL
2200	0.083	2.35	7/8 x 2 1/2	UFT2200-30HP
2800	0.066	3.0	1 x 2 1/2	UFT2800-30JP
3000	0.061	2.9	7/8 x 3 1/2	UFT3000-30HS
3600	0.051	3.6	1 x 3 1/2	UFT3600-30JS
4500	0.041	4.4	1 x 3 1/2	UFT4500-30JT
40 Vdc — 50 Vdc Surge				
550	0.322	0.9	3/4 x 1 1/2	UFT550-40GJ
700	0.255	1.15	3/4 x 2 1/2	UFT700-40GL
900	0.197	1.2	7/8 x 1 1/2	UFT900-40HJ
1200	0.147	1.55	7/8 x 2 1/2	UFT1200-40HL
1500	0.117	2.05	1 x 2 1/2	UFT1500-40JL
1700	0.104	2.15	7/8 x 2 1/2	UFT1700-40HP
2300	0.077	2.6	7/8 x 3 1/2	UFT2300-40HS
2900	0.061	3.4	1 x 3 1/2	UFT2900-40JS
3600	0.050	4.1	1 x 3 1/2	UFT3600-40JT
50 Vdc — 75 Vdc Surge				
300	0.280	0.93	3/4 x 1 1/2	UFT300-50GJ
400	0.212	1.15	3/4 x 2 1/2	UFT400-50GL
530	0.160	1.25	7/8 x 1 1/2	UFT530-50HJ
700	0.120	1.6	7/8 x 2 1/2	UFT700-50HL
870	0.098	2.1	1 x 2 1/2	UFT870-50JL
1000	0.085	2.15	7/8 x 2 1/2	UFT1000-50HP
1200	0.070	2.8	1 x 2 1/2	UFT1200-50JP
1600	0.053	3.4	1 x 3 1/2	UFT1600-50JS
2000	0.042	4.25	1 x 3 1/2	UFT2000-50JT
75 Vdc — 100 Vdc Surge				
200	0.384	0.78	3/4 x 1 1/2	UFT200-75GJ
260	0.295	1.0	3/4 x 2 1/2	UFT260-75GL
350	0.218	1.1	7/8 x 1 1/2	UFT350-75HJ
450	0.171	1.4	7/8 x 2 1/2	UFT450-75HL
570	0.136	1.85	1 x 2 1/2	UFT570-75JL
650	0.118	1.95	7/8 x 2 1/2	UFT650-75HP
850	0.090	2.25	7/8 x 3 1/2	UFT850-75HS
1000	0.077	2.95	1 x 3 1/2	UFT1000-75JS
1300	0.059	3.55	1 x 3 1/2	UFT1300-75JT

Capacitance uF	Impedance 10kHz-1MHz	ripple, amps 10kHz-1MHz, 85°C	Nominal Size D x L (inches)	Catalog Number
100 Vdc — 125 Vdc Surge				
130	0.530	0.70	3/4 x 1 1/2	UFT130-100GJ
170	0.405	0.90	3/4 x 2 1/2	UFT170-100GL
230	0.300	0.93	7/8 x 1 1/2	UFT230-100HJ
300	0.230	1.20	7/8 x 2 1/2	UFT300-100HL
380	0.180	1.55	1 x 2 1/2	UFT380-100JL
430	0.159	1.60	7/8 x 2 1/2	UFT430-100HP
550	0.125	2.10	1 x 2 1/2	UFT550-100JP
700	0.098	2.65	1 x 3 1/2	UFT700-100JS
850	0.080	3.15	1 x 3 1/2	UFT850-100JT
150 Vdc — 200 Vdc Surge				
70	0.780	0.65	3/4 x 1 1/2	UFT70-150GJ
90	0.610	0.80	3/4 x 2 1/2	UFT90-150GL
120	0.455	0.83	7/8 x 1 1/2	UFT120-150HJ
150	0.362	1.10	1 x 1 1/2	UFT150-150JJ
200	0.273	1.40	1 x 2 1/2	UFT200-150JL
300	0.181	1.80	7/8 x 3 1/2	UFT300-150HS
380	0.143	2.35	1 x 3 1/2	UFT380-150JS
470	0.095	2.85	1 x 3 1/2	UFT470-150JT
200 Vdc — 250 Vdc Surge				
50	0.780	0.6	3/4 x 1 1/2	UFT50-200GJ
85	0.460	0.75	7/8 x 1 1/2	UFT85-200HJ
100	0.390	0.95	7/8 x 2 1/2	UFT100-200HL
150	0.259	1.25	7/8 x 2 1/2	UFT150-200HP
200	0.195	1.67	1 x 2 1/2	UFT200-200JP
250	0.156	1.90	7/8 x 3 1/2	UFT250-200HT
320	0.122	2.5	1 x 3 1/2	UFT320-200JT