



## Standard ratings

V (Code)		6.3 (0J)			10 (1A)			16 (1C)			25 (1E)			
Cap. (μF)	Code	Item	Case size	Impedance	Rated ripple	Case size	Impedance	Rated ripple	Case size	Impedance	Rated ripple	Case size	Impedance	Rated ripple
			φD×L (mm)	(Ω) MAX. 20°C 100kHz	(mA rms) 105°C 100kHz	φD×L (mm)	(Ω) MAX. 20°C 100kHz	(mA rms) 105°C 100kHz	φD×L (mm)	(Ω) MAX. 20°C 100kHz	(mA rms) 105°C 100kHz	φD×L (mm)	(Ω) MAX. 20°C 100kHz	(mA rms) 105°C 100kHz
4.7	4R7											5×11	1.50	160
10	100								5×11	1.50	160	5×11	1.50	160
22	220	5×11	1.50	160	5×11	1.50	160	5×11	1.50	160	5×11	1.50	160	160
33	330	5×11	1.50	160	5×11	1.50	160	5×11	1.50	160	5×11	1.50	160	160
47	470	5×11	1.50	160	5×11	1.50	160	5×11	1.50	160	5×11	1.50	160	160
100	101	5×11	1.50	160	5×11	1.50	160	6.3×11	0.50	250	6.3×11	0.50	250	250
150	151	6.3×11	0.50	250	6.3×11	0.50	250	6.3×11	0.50	250	8×11.5	0.28	410	410
220	221	6.3×11	0.50	250	6.3×11	0.50	250	8×11.5	0.28	410	8×11.5	0.28	410	410
330	331	6.3×11	0.50	250	8×11.5	0.28	410	8×11.5	0.28	410	10×12.5	0.19	600	600
470	471	8×11.5	0.28	410	8×11.5	0.28	410	10×12.5	0.19	600	10×16	0.14	800	800
680	681	10×12.5	0.19	600	10×12.5	0.19	600	10×16	0.14	800	10×20	0.11	1000	1000
1000	102	10×12.5	0.19	600	10×16	0.14	800	10×20	0.11	1000	12.5×20	0.075	1250	1250
1500	152	10×20	0.11	1000	10×20	0.11	1000	12.5×20	0.075	1250	16×25	0.038	1900	1900
2200	222	12.5×20	0.075	1250	12.5×20	0.075	1250	12.5×25	0.057	1550	16×25	0.038	1900	1900
3300	332	12.5×20	0.075	1250	12.5×25	0.057	1550	16×25	0.038	1900	16×31.5	0.033	2350	2350
4700	472	16×25	0.038	1900	16×25	0.038	1900	16×31.5	0.033	2350	18×35.5	0.030	2700	2700
6800	682	16×25	0.038	1900	16×31.5	0.033	2350	18×35.5	0.030	2700	18×40	0.027	3300	3300
10000	103	16×31.5	0.033	2350	18×35.5	0.030	2700	18×40	0.027	3300				
15000	153	18×35.5	0.030	2700	18×40	0.027	3300							

V (Code)		35 (1V)			50 (1H)			63 (1J)			100 (2A)			
Cap. (μF)	Code	Item	Case size	Impedance	Rated ripple	Case size	Impedance	Rated ripple	Case size	Impedance	Rated ripple	Case size	Impedance	Rated ripple
			φD×L (mm)	(Ω) MAX. 20°C 100kHz	(mA rms) 105°C 100kHz	φD×L (mm)	(Ω) MAX. 20°C 100kHz	(mA rms) 105°C 100kHz	φD×L (mm)	(Ω) MAX. 20°C 100kHz	(mA rms) 105°C 100kHz	φD×L (mm)	(Ω) MAX. 20°C 100kHz	(mA rms) 105°C 100kHz
0.47	R47				5×11	7.50	25					5×11	43.0	20
1	010				5×11	5.30	40					5×11	20.0	30
2.2	2R2				5×11	4.50	55					5×11	9.80	44
3.3	3R3				5×11	3.90	65					5×11	6.60	58
4.7	4R7	5×11	1.50	160	5×11	3.50	90	5×11	4.70	68	5×11	4.60	74	74
10	100	5×11	1.50	160	5×11	2.10	120	5×11	2.10	110	6.3×11	1.80	130	130
22	220	5×11	1.50	160	5×11	1.80	150	6.3×11	0.98	180	8×11.5	0.68	230	230
33	330	5×11	1.50	160	6.3×11	0.65	250	6.3×11	0.71	220	10×12.5	0.46	320	320
47	470	6.3×11	0.50	250	6.3×11	0.65	250	8×11.5	0.65	310	10×16	0.37	420	420
100	101	8×11.5	0.28	410	8×11.5	0.36	340	10×12.5	0.31	390	12.5×20	0.18	580	580
150	151	8×11.5	0.28	410	10×12.5	0.26	490	10×16	0.25	440	12.5×25	0.13	710	710
220	221	10×12.5	0.19	600	10×16	0.18	650	10×20	0.20	700	16×25	0.10	890	890
330	331	10×16	0.14	800	10×20	0.15	810	12.5×20	0.12	980	16×25	0.090	1080	1080
470	471	10×20	0.11	1000	12.5×20	0.13	1100	12.5×25	0.081	1200	16×31.5	0.076	1310	1310
680	681	12.5×20	0.075	1250	12.5×25	0.10	1200	16×25	0.058	1300	16×35.5	0.064	1410	1410
1000	102	12.5×25	0.057	1550	16×25	0.058	1600	16×31.5	0.049	1380	18×40	0.047	1520	1520
1500	152	16×25	0.038	1900	16×31.5	0.040	2000	18×35.5	0.038	1750				
2200	222	16×31.5	0.033	2350	18×35.5	0.035	2300	18×40	0.032	2120				
3300	332	18×35.5	0.030	2700										
4700	472	18×40	0.027	3300										

Cap. (μF)	V	Code	160		200		250		315		350		400		450	
			2C	2D	2E	2F	2V	2G	2W							
0.47	R47		6.3×11	12	6.3×11	12	6.3×11	12	8×11.5	11	8×11.5	11				
1	010		6.3×11	17	6.3×11	17	6.3×11	17	8×11.5	16	10×12.5	17	10×12.5	16	10×12.5	18
2.2	2R2		6.3×11	25	6.3×11	25	8×11.5	29	10×12.5	28	10×16	31	10×16	27	10×20	29
3.3	3R3		8×11.5	36	8×11.5	36	10×12.5	42	10×12.5	34	10×16	38	10×20	36	12.5×20	41
4.7	4R7		8×11.5	43	10×12.5	50	10×12.5	50	10×16	45	10×20	49	10×20	43	12.5×20	49
10	100		10×12.5	70	10×16	80	10×20	88	10×20	72	12.5×20	82	12.5×25	72	16×25	75
22	220		10×20	130	10×20	140	12.5×25	155	12.5×25	120	16×25	130	16×25	110	16×31.5	115
33	330		12.5×20	180	12.5×25	190	12.5×25	190	16×25	155	16×31.5	160	16×31.5	140	•18×35.5	145
47	470		12.5×25	220	12.5×25	220	16×25	230	16×35.5	190	•18×35.5	200	•18×35.5	170	20×40	175
100	101		16×25	330	16×31.5	335	•18×35.5	340	Δ18×40	285	20×40	290	22×50	350	25×50	350
220	221		•18×35.5	500	Δ18×40	515	20×40	525	22×50	540	25×50	550				
330	331		20×40	900	22×40	1100	22×50	1150								
470	471		22×50	1200	22×50	1310	25×50	1350								Rated ripple

Rated Ripple (mA rms) at 105°C 120Hz  
 Size 20×31 is available for capacitors marked "•"  
 Size 20×35 is available for capacitors marked "Δ"  
 In this case, [6] will be put at 12th digit of type numbering system.