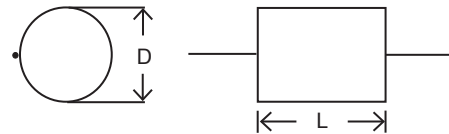
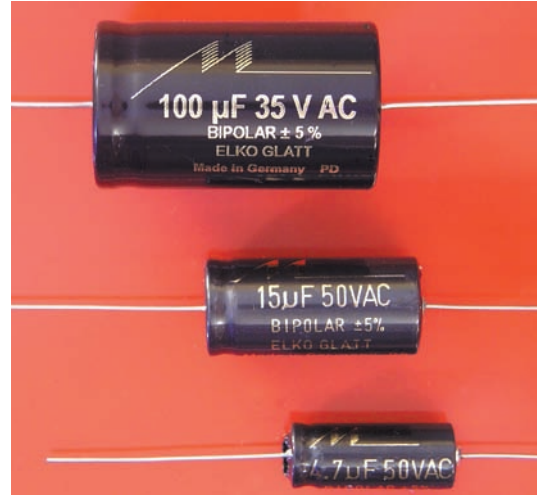


For **bipolar electrolytic capacitors**, a distinction is made between two construction types, „raw“ and „plain“. In the raw model the foil is etched in order to increase the surface area of the foil. Since the capacitance of a capacitor is proportional to the surface area, larger capacitances can be achieved in this way with the same material costs. The construction size of raw electrolytic capacitors, therefore, is in effect smaller. Thus, capacitances of up to 800 μF are available in the BR63 series. Bipolar electrolytic capacitors are used where large capacitances are required cheaply (e.g. series resonant circuits, impedance linearization). The higher electrical strength of the etched model allows it to also be used where plain electrolytic capacitors are not electrically strong enough and expensive foil capacitors are not an option.

Technical specifications:

Loss factor: Plain electrolytics: $\tan \delta$ 0.05

Loss factor: Raw electrolytics: $\tan \delta$ 0.08



bg50

Electrolytic capacitors 70 VDC / 50 VAC, plain

Capacity [μF] $\pm 5\%$	Body $\varnothing * L$ [mm]	Wire \varnothing [mm]	[€]
1.0	10 * 20	0.8	0.99
1.5	10 * 20	0.8	1.09
2.2	10 * 30	0.8	1.09
2.7	10 * 30	0.8	1.19
3.3	10 * 30	0.8	1.19
3.9	10 * 30	0.8	1.29
4.7	10 * 30	0.8	1.29
5.6	12 * 30	0.8	1.39
6.8	12 * 30	0.8	1.49
8.2	14 * 37	0.8	1.59
10	14 * 37	0.8	1.69
15	18 * 39	0.8	1.99
22	25 * 38	0.8	3.49
33	25 * 38	0.8	3.99
47	25 * 49	0.8	4.99

bg35

Electrolytic capacitors 50 VDC / 35 VAC, plain

Capacity [μF] $\pm 5\%$	Body $\varnothing * L$ [mm]	Wire \varnothing [mm]	[€]
47	25 * 38	0.8	3.99
56	25 * 49	0.8	4.99
68	25 * 49	0.8	5.49
82	30 * 50	0.8	5.99
100	30 * 50	0.8	6.49

br100

Electrolytic capacitors 100 VDC / 35 VAC, raw

Capacity [μF] $\pm 5\%$	Body $\varnothing * L$ [mm]	Wire \varnothing [mm]	[€]
10	10 * 30	0.8	0.99
15	10 * 30	0.8	1.09
22	12 * 30	0.8	1.19
33	12 * 30	0.8	1.29
47	14 * 37	0.8	1.49
56	14 * 38	0.8	1.69
68	16 * 39	0.8	1.99
82	18 * 39	0.8	2.29
100	18 * 39	0.8	2.49

br63

Electrolytic capacitors 63 VDC / 23 VAC, raw

Capacity [μF] $\pm 5\%$	Body $\varnothing * L$ [mm]	Wire \varnothing [mm]	[€]
150	14 * 37	0.8	2.19
180	16 * 39	0.8	2.59
220	16 * 39	0.8	2.99
270	21 * 36	0.8	3.49
330	21 * 36	0.8	3.59
390	25 * 38	0.8	4.19
400	25 * 38	1.0	4.29
470	25 * 38	0.8	4.39
560	25 * 38	0.8	4.49
680	25 * 38	0.8	4.79
800	25 * 49	1.0	5.29