

Aluminum Electrolytic Capacitors

Capacitor with axial leads
 General-purpose grade
 Standard version for universal application

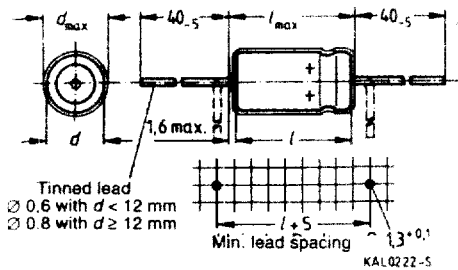
Al case with insulating sleeve
 Welded terminals ensure reliable contacting
 Operation up to 105 °C¹⁾ permissible

Rated voltage V_R 16 ... 100 Vdc (B 41 010, B 43 283)
 160 ... 350 Vdc (B 43 050, B 43 283)

IEC climatic category 40/085/56

Service life

	B 41 010 / B 41 283	B 43 050 B 43 283
	$d_{max} \leq 10,5 \text{ mm}$	$d_{max} \geq 12,5 \text{ mm}$
40 °C; V_R	> 200 000 h (/ac _{R,85°C})	> 200 000 h (1,4 × /ac _{R,85°C})
85 °C; V_R	> 3 000 h (/ac _{max})	> 4 000 h (/ac _{max})
		> 200 000 h (/ac _{R,85°C}) > 3 000 h (/ac _{max})



l_{max}	l
19,0	17,5
21,5	20,0
26,5	25,0
32,0	30,0
40,3	30,5
41,5	40,0

C_R μF	V_R ²⁾ Vdc	Dimensions $d_{max} \times l_{max}$ mm	Ordering code	Min. qty.	Max. qty.	Price per 100 in DM				
						Min. Qty. +	100 +	250 +	500 +	1000 +
B 41 283; B 41 010						Capacitance tolerance - 10 %/+ 50 %				
100	16	9,0 × 19,0	B41283-B4107-T	150	3000	68,30		59,30	53,10	47,60
220	16	9,0 × 19,0	B41283-B4227-T	150	3000	71,—		61,60	55,10	49,50
470	16	10,5 × 26,5	B41283-A4477-T	150	2700	76,—		66,—	59,10	53,—
1 000	16	12,5 × 32,0	B41010-B4108-T	150	1800	76,80		66,50	60,50	55,80
2 200	16	16,5 × 32,0	B41010-E4228-T	100	1050	111,—		96,40	87,60	80,80
4 700	16	21,5 × 41,5	B41010-C4478-T	50	800	262,—	216,—	187,—	170,—	
100	25	9,0 × 19,0	B41283-B5107-T	150	3000	69,80		60,60	54,20	48,60
220	25	10,5 × 21,5	B41283-B5227-T	150	2700	73,80		64,10	57,40	51,50
470	25	12,5 × 32,0	B41010-B5477-T	150	1800	75,80		65,70	59,70	55,10
1 000	25	14,5 × 32,0	B41010-C5108-T	100	1200	89,40		77,50	70,50	65,—
2 200	25	18,5 × 40,3	B41010-C5228-T	50	1000	188,—	155,—	134,—	122,—	112,—
4 700	25	25,5 × 41,5	B41010-C5478-T	50	750	321,—	265,—	229,—	209,—	

1) Operation at 105 °C with 0,6 /ac_{max} 85 °C permissible for a total of 500 h
 2) Surge voltage $V_S = 1,15 V_R$



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C_R	V_R 1)	Dimensions $d_{max} \times l_{max}$	Ordering code	Min. qty.	Max. qty.	Price per 100 in DM				
						μF	Min. qty. +	100 +	250 +	500 +
B 41 283; B 41 010						Capacitance tolerance – 10 %/+ 50 %				
47	40	9,0 × 19,0	B41283-D7476-T	150	3000	68,80		59,80	53,50	48,—
100	40	10,5 × 21,5	B41283-B7107-T	150	2700	73,80		64,10	57,40	51,50
220	40	10,5 × 26,5	B41283-A7227-T	150	2700	78,10		67,90	60,70	54,50
470	40	12,5 × 32,0	B41010-B7477-T	100	1800	80,70		69,90	63,60	58,60
1 000	40	16,5 × 32,0	B41010-E7108-T	80	1050	145,—	119,—	103,—	94,10	86,70
2 200	40	21,5 × 41,5	B41010-C7228-T	50	800	286,—	236,—	205,—	186,—	
22	63	9,0 × 19,0	B41283-C8226-T	150	3000	70,50		61,20	54,80	49,10
47	63	9,0 × 19,0	B41283-C8476-T	150	3000	71,40		62,—	55,50	49,80
100	63	10,5 × 26,5	B41283-A8107-T	150	2700	76,90		66,80	59,80	53,60
220	63	12,5 × 32,0	B41010-B8227-T	100	1800	80,50		69,70	63,40	58,50
470	63	16,5 × 32,0	B41010-D8477-T	80	1050	142,—	117,—	101,—	92,10	85,—
1 000	63	21,5 × 41,5	B41010-B8108-T	50	800	277,—	228,—	198,—	180,—	
10	100	9,0 × 19,0	B41283-J9106-T	150	3000	70,50		61,20	54,80	49,10
22	100	9,0 × 19,0	B41283-C9226-T	150	3000	72,90		63,30	56,60	50,80
47	100	10,5 × 26,5	B41283-A9476-T	150	2700	78,60		68,30	61,10	54,80
100	100	12,5 × 32,0	B41010-B9107-T	100	1800	83,90		72,70	66,10	61,—
220	100	16,5 × 32,0	B41010-E9227-T	80	1050	148,—	122,—	106,—	96,10	88,70
470	100	21,5 × 41,5	B41010-B9477-T	50	800	289,—	238,—	207,—	188,—	
B 43 283; B 43 050						Capacitance tolerance – 10 %/+ 50 %				
47	160	14,5 × 32,0	B43050-C1476-T	80	1200	142,—	127,—	111,—	100,—	89,90
100	160	18,5 × 40,3	B43050-E1107-T	50	1000	240,—	215,—	187,—	169,—	152,—
47	250	16,5 × 32,0	B43050-D2476-T	50	1050	182,—	162,—	142,—	128,—	115,—
2,2	350	9,0 × 19,0	B43283-C4225-T	100	3000	90,10		78,30	70,—	62,80
4,7	350	10,5 × 21,5	B43283-C4475-T	100	2700	93,20		81,—	72,50	65,—
10	350	12,5 × 32,0	B43050-B4106-T	100	1800	110,—		96,20	87,—	78,20
22	350	14,5 × 32,0	B43050-D4226-T	80	1200	154,—	138,—	120,—	109,—	97,50
47	350	18,5 × 40,3	B43050-C4476-T	50	750	260,—	233,—	203,—	183,—	

1) Surge voltage $V_S = 1,15 V_R$ (≤ 250 Vdc); $1,1 V_R$ (350 Vdc)