



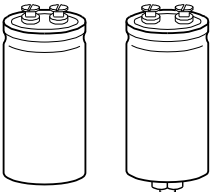
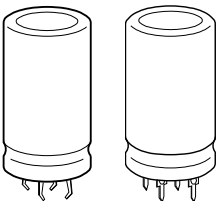
Aluminum Electrolytic Capacitors

Overview of Types

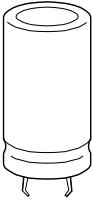
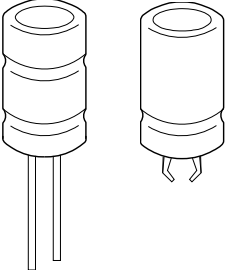
Date: December 2010

© EPCOS AG 2010. Reproduction, publication and dissemination of this publication, enclosures hereto and the information contained therein without EPCOS' prior express consent is prohibited.

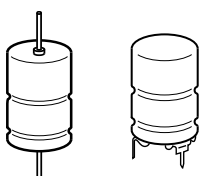
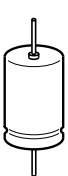
Overview of Types

Terminal style	Series	Temperature °C	Special features, field of application	V _R V DC	C _R μF	Page	
Screw terminals 	Low-voltage series (B41...)						
	B41456 B41458	+85	Compact, long useful life	16 ... 100	2200 ... 680000		
	B41560 B41580	+105	Extremely compact, high ripple current	25 ... 100	1500 ... 330000		
	B41550 B41570	+125	SIKOREL, outstanding reliability	16 ... 100	1500 ... 220000		
	B41554			16 ... 100	1500 ... 220000		
	High-voltage series (B43...)						
	B43464 B43484	+85	Standard version	350 ... 450	1000 ... 12000		
	B43455 B43457			Long useful life	350 ... 450	1000 ... 15000	
	B43456 B43458		Extremely compact, high ripple current	350 ... 550	560 ... 18000		
	B43564 B43584		High ripple current, long useful life	200 ... 500	820 ... 33000		
	B43740 B43760	+105	Extra long useful life, outstanding reliability	350 ... 450	1000 ... 18000		
	B43750 B43770		Extremely high ripple current (up to 110 A)	350 ... 450	560 ... 5300		
	4-pin snap-in terminals and solder pins 	B43510 B43520	+85	Compact	385 ... 500	390 ... 2700	
		B43511 B43521		Outstanding ripple current	350 ... 450	390 ... 2200	
B43515 B43525		+105	Compact	350 ... 450	390 ... 2700		

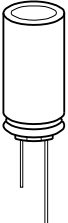
Overview of Types

Terminal style	Series	Temperature °C	Special features, field of application	V_R	C_R	Page
				V DC	μF	
Snap-in 	B41231	+85	Standard, high ripple current	10 ... 100	1200 ... 68000	
	B43305		Ultra compact	200 ... 450	68 ... 3300	
	B43501		Long useful life	160 ... 500	47 ... 2200	
	B43601		Long useful life, ultra compact	200 ... 450	82 ... 2700	
	B43540		Outstanding ripple current	200 ... 450	68 ... 2200	
	B41252	+105	Standard, high ripple current	10 ... 100	820 ... 56000	
	B43504		Compact	200 ... 450	47 ... 2200	
	B43508		Ultra compact	200 ... 450	82 ... 2700	
	B43543		Outstanding ripple current, ultra compact	200 ... 450	100 ... 2700	
	B41505 B43505		Excellent performance	10 ... 450	47 ... 33000	
Large size 	B41605	+125/ (+140)	Long useful life	25 ... 63	2000 ... 27000	
	B41607	+125/ (+150)	Very long useful life	25 ... 63	900 ... 4700	

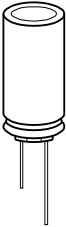
Overview of Types

Terminal style	Series	Temperature °C	Special features, field of application	V _R V DC	C _R μF	Page
Axial-lead and soldering star 	Automotive applications					
	B41690 B41790	+125/ (+140)	Ultra compact, high ripple current	25 ... 63	300 ... 10000	
	B41691 B41791	+125/ (+150)	Long useful life, high ripple current	25 ... 63	100 ... 4000	
	B41692 B41792	+125/ (+140)	Long useful life, compact	25 ... 63	220 ... 6800	
	B41693 B41793	+125/ (+150)	High temperature	25 ... 100	100 ... 4000	
	B41694 B41794	+125/ (+140)	Low ESR	25, 40	330 ... 3900	
	B41695 B41795	+125/ (+140)	High temperature, compact	25 ... 75	220 ... 6800	
	B41696 B41796	+125	Low ESR, compact	25, 40	470 ... 6800	
	B43693 B43793	+125	High voltage	250	22 ... 130	
	Axial-lead 	Electronic ballasts				
B43697		+105	Standard	450	10 ... 47	
B43698			High performance	450	6.8 ... 33	
B43699			High performance, compact	450	10 ... 47	

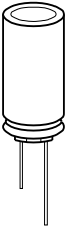
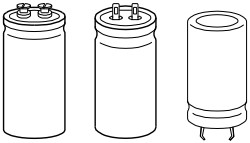
Overview of Types

Terminal style	Series	Temperature °C	Special features, field of application	V _R V DC	C _R µF	Page
Single-ended 	General purpose					
	B41002	+85	Ultra compact, low profile applications	6.3 ... 63	0.1 ... 330	
	B41827 B43827		Standard series, general purpose applications	6.3 ... 450	0.47 ... 22000	
	B42824		Bipolar	10 ... 100	0.47 ... 1000	
	B41022	+105	Ultra compact, low profile applications	6.3 ... 63	0.1 ... 220	
	B41044 B43044		Low impedance, high ripple current	6.3 ... 450	0.22 ... 15000	
	B41828 B43828		Standard series, general purpose applications	6.3 ... 450	0.47 ... 15000	
B42851	Bipolar		10 ... 50	0.47 ... 1000		

Overview of Types

Terminal style	Series	Temperature °C	Special features, field of application	V _R V DC	C _R μF	Page
	Automotive applications					
	B41863	+105	For airbag applications	25, 35	680 ... 8500	
	B41858		Low impedance, long useful life, high reliability	10 ... 100	22 ... 10000	
	B41859		Very low impedance, long useful life	16 ... 35	100 ... 3300	
	B41888		Extended useful life, low impedance	10 ... 63	47 ... 10000	
	B41890		Extended useful life, high reliability	16 ... 50	100 ... 6800	
	B41866	+125	High ripple current capability at high temperature	10 ... 75	10 ... 10000	
	B41896	+125 / (+135)	High temperature, high ripple current, extended useful life	10 ... 50	180 ... 10000	
	B43896	+125		250	33 ... 140	
	B41868	+150	Very high temperature capability	10 ... 50	47 ... 5600	

Overview of Types

Terminal style	Series	Temperature °C	Special features, field of application	V_R V DC	C_R μF	Page
Single-ended 	Lighting					
	B43082	+105	High ripple current	160 ... 450	1.0 ... 150	
	B43086		Long useful life	200 ... 450	1.0 ... 100	
	B43088		Very long useful life	200 ... 450	6.8 ... 100	
	B43890		Extended useful life, high ripple current capability at high frequency	350 ... 450	4.7 ... 68	
	B43866	+125	High ripple current capability at high temperature	160 ... 450	4.7 ... 150	
	B43867	+140	High reliability, high temperature capability	160 ... 350	3.3 ... 100	
Capacitors for pulse applications						
Screw terminals Solder lug Snap-in 	B43415 B43416	Ratings depend on application				