

# **Aluminum Electrolytic Capacitors**

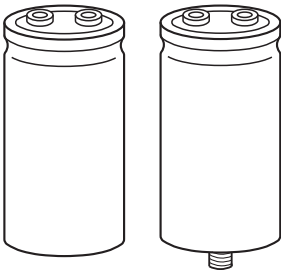
## **Overview of Types**

Date:                    June 2017

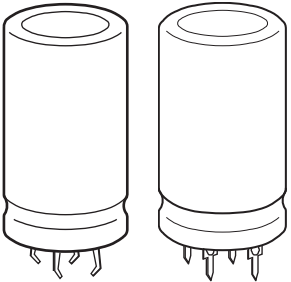
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## Overview of Types

Terminal style	Series	Upper category temperature °C	Features	V <sub>R</sub> V DC	C <sub>R</sub> μF	Page			
Screw terminals 	Low-voltage series (B41...)								
	B41456 B41458	+85	Compact, long useful life	16 ... 100	10000 ... 680000				
	B41560 B41580	+105	Extremely compact, high ripple current	25 ... 100	6800 ... 330000				
	B41550 B41570		SIKOREL, outstanding reliability	16 ... 100	4700 ... 220000				
	B41554			+125	16 ... 100	4700 ... 220000			
	High-voltage series (B43...)								
	B43701 B43721	+85	Standard	350 ... 450	1200 ... 12000				
	B43712 B43732			Long useful life	350 ... 450	1000 ... 18000			
	B43703 B43723			Extremely compact	350 ... 450	1500 ... 22000			
	B43704 B43724			High ripple current	350 ... 550	820 ... 22000			
	B43705 B43725			Ultra high ripple current	350 ... 450	1000 ... 18000			
	B43713 B43733			Extra long useful life, high ripple current	200 ... 500	820 ... 33000			
	B43700 B43720			High voltage, high ripple current	600	1200 ... 6800			
	B43742 B43762			+ 105 °C	Standard	350 ... 500	820 ... 22000		
	B43743 B43763					Very high ripple current	350 ... 450	1500 ... 18000	

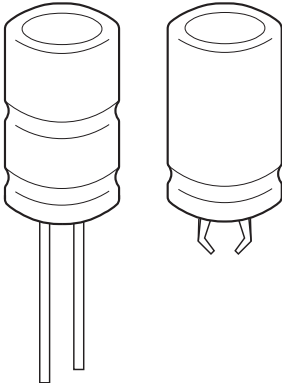
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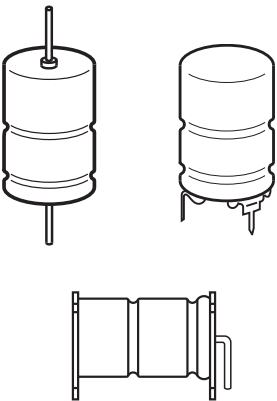
Terminal style	Series	Upper category temperature °C	Features	V <sub>R</sub> V DC	C <sub>R</sub> μF	Page
4-/5-pin snap-in terminals and solder pins  	B43512 B43522	+85	Very compact	385 ... 500	220 ... 3300	
	B43513 B43523		Long useful life	350 ... 450	270 ... 2700	
	B43516 B43526	+105	Compact	400 ... 450	270 ... 1800	

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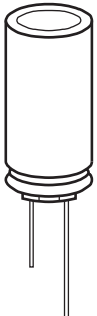
Terminal style	Series	Upper category temperature °C	Features	V <sub>R</sub> V DC	C <sub>R</sub> μF	Page
Snap-in  	B41231	+85	Standard, high ripple current	10 ... 100	1200 ... 68000	
	B43630		Ultra compact	200 ... 450	100 ... 3300	
	B43624		Long useful life	200 ... 450	56 ... 2200	
	B43634		Long useful life, ultra compact	200 ... 450	82 ... 2700	
	B43541		Outstanding ripple current, high voltage	200 ... 600	47 ... 2200	
	B41252	+105	Standard, high ripple current	10 ... 100	820 ... 56000	
	B41505		Excellent performance	10 ... 100	560 ... 33000	
	B43640		Ultra compact	200 ... 450	82 ... 3300	
	B43641		Ultra compact	400 ... 450	120 ... 1200	
	B43509		Compact	200 ... 450	56 ... 2700	
	B43642		Ultra compact, high ripple current	200 ... 450	82 ... 3300	
	B43643		Ultra compact	200 ... 450	100 ... 3300	
	B43644		Ultra compact, long useful life	200 ... 500	47 ... 2700	
	B43544		Outstanding ripple current, compact	200 ... 550	47 ... 2700	
	B43545		Outstanding ripple current, compact, long useful life	400 ... 450	82 ... 820	
	B43547		Outstanding ripple current, compact, very long useful life	200 ... 500	56 ... 2200	

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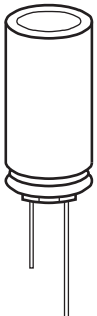
Terminal style	Series	Upper category temperature °C	Features	V <sub>R</sub> V DC	C <sub>R</sub> μF	Page
	B41605	+125/ (+140)	Compact design, very high ripple current capability	25 ... 63	2000 ... 27000	
	B41607	+125/ (+150)	Very high ripple current capability, outstanding reliability, long useful life	25 ... 63	900 ... 4700	
	B43508	+105	Compact, high ripple current capability	450	120 ... 680	

Axial-lead and soldering star  	Automotive applications					
	B41689 B41789	+125/ (+150)	Very high ripple current, long useful life	25 ... 63	360 ... 4500	
	B41690 B41790	+125/ (+140)	Ultra compact, high ripple current	25 ... 40	600 ... 10000	
	B41691 B41791	+125/ (+150)	Low ESR, high ripple current	25 ... 63	220 ... 4000	
	B41692 B41792	+125/ (+140)	Compact, long useful life	25 ... 75	220 ... 10000	
	B41693 B41793	+125/ (+150)	High reliability, high temperature	25 ... 100	100 ... 4000	
	B41696 B41796	+125	Very low ESR, compact	25, 40	620 ... 10000	
	B43693 B43793	+125	High voltage, high ripple current	140 ... 250	47 ... 620	

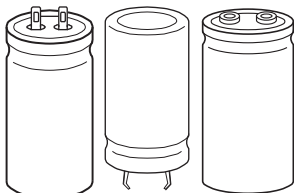
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Terminal style	Series	Upper category temperature °C	Features	V <sub>R</sub> V DC	C <sub>R</sub> μF	Page
Single-ended  	General use					
	B42824	+85	Bipolar	10 ... 100	2.2 ... 1000	
	B42851	+105	Bipolar	10 ... 50	2.2 ... 1000	
	B41856		Low impedance	16 ... 100	22 ... 2200	
	B41858		Low impedance, high reliability	10 ... 100	22 ... 10000	
	B41859		Very low impedance	16 ... 100	47 ... 3300	
	B41888		Long useful life, low impedance	10 ... 63	47 ... 10000	
	B41890		Extended useful life, high reliability	16 ... 50	100 ... 6800	
	B43858		High ripple current capability	160 ... 450	2.2 ... 330	
	B43888		Long useful life, high ripple current capability	160 ... 450	3.3 ... 330	
B43890	Extended useful life, high ripple current capability		350 ... 450	4.7 ... 68		

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Terminal style	Series	Upper category temperature °C	Features	V <sub>R</sub> V DC	C <sub>R</sub> μF	Page
Single-ended  	Automotive applications					
	B41858	+105	Low impedance, high reliability	10 ... 100	22 ... 10000	
	B41859		Very low impedance	16 ... 100	47 ... 3300	
	B41887		Long useful life	16 ... 35	470 ... 5600	
	B41888		Long useful life, low impedance	10 ... 63	47 ... 10000	
	B41866	+125	High ripple current capability at high temperature	10 ... 75	47 ... 10000	
	B41895		Low ESR, compact design, high ripple current capability at high temperature	25 ... 100	200 ... 6800	
	B41896		Long useful life, high ripple current capability, up to 135 °C	25 ... 50	180 ... 4700	
	B41898		Very long useful life	16 ... 50	330 ... 4700	
	B43896		High voltage design, low ESR	160 ... 250	33 ... 270	

### Capacitors for pulse applications

Solder lug Snap-in Screw terminals  	B43415 B43416	Ratings depend on application	
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