

Aluminum Electrolytic Capacitors

Single ended capacitors – Overview

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Overview

Upper category temperature °C	Series	Special features	Applications	V _R V DC	C _R μF	Page
General use						
+85	B42824	Bipolar	Audio frequency dividers	10 ... 100	2.2 ... 1000	
+105	B42851	Bipolar	Audio frequency dividers	10 ... 50	2.2 ... 1000	
	B41856	Low impedance	Professional power supplies	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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Upper category temperature °C	Series	Special features	Applications	V _R V DC	C _R μF	Page
Automotive applications						
+105	B41858	Low impedance, high reliability	Automotive applications, e.g. motor management, transmission control, electronic power steering, fan control module, wiper control unit, energy recuperation via braking system	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	
+125	B41866	High ripple current capability at high temperature	Piezo technology, DC-link converters	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	
Taping, packing, and lead configurations, overview of packing units						