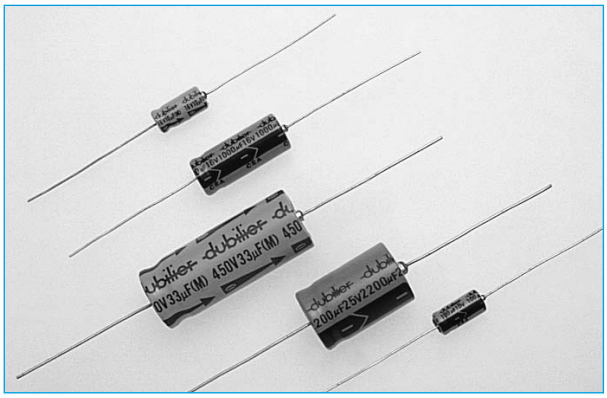
- Small case sizes
- Extended temperature life 2000 hours at +105˚C
- Product is available loose or taped and reeled

Sizes may reduce as technology continually improves.



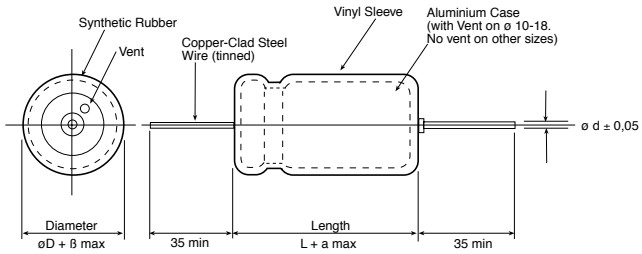
RANGE & DIMENSIONS

V / µF	6.3 dxl	10 dxl	16 dxl	25 dxl	35 dxl	50 dxl	63 dxl	100 dxl
0.47	→	→	→	→	→	→	→	5x12.5
1.0	→	→	→	→	→	→	→	5x12.5
2.2	→	→	→	→	→	→	5x12.5	6x12.5
3.3	→	→	→	→	→	→	5x12.5	6x12.5
4.7	→	→	→	→	→	5x12.5	6x12.5	6x12.5
10	→	→	→	→	→	5x12.5	6x12.5	6x16
15	→	→	→	5x12.5	6x12.5	6x12.5	6x12.5	8x16
22	→	→	5x12.5	6x12.5	6x12.5	6x16	6x16	8x16
33	→	5x12.5	6x12.5	6x12.5	6x16	6x16	8x16	8x20
47	→	5x12.5	6x12.5	6x16	6x16	8x16	8x16	10x20
68	→	→	6x12.5	6x16	8x16	8x16	8x16	10x20
100	6x12.5	—	6x16	8x16	8x16	8x20	10x16	10x25
150	—	6x16	8x16	8x16	8x20	10x16	10x20	13x25
220	8x13.5	8x16	8x16	8x20	10x16	10x20	10x25	13x30
330	8x16	8x20	8x16	10x16	10x20	10x25	13x25	16x30
470	8x16	8x20	10x16	10x20	10x25	13x25	13x30	16x40
680	8x20	8x20	10x20	10x25	13x25	13x30	16x30	22x40
1000	10x20	10x20	10x25	13x25	13x30	16x36	16x40	22x40
1500	10x25	10x25	13x25	13x30	16x30	16x40	18x40	
2200	13x25	13x25	13x30	16x30	16x40	18x40	22x40	
3300	13x30	13x30	16x30	16x40	18x40	22x40		
4700	16x30	16x30	16x30	18x40	22x40	22x45		

CASE TOLERANCE & LEAD SPEC.

Case Dia. (D)	Tolerance Case Dia. (D)	Tolerance Case Length (L)	Lead Length (F)	Tolerance Lead Length (L)	Lead Thickness (d)	Wire Gauge (AWG)
5.0	≤ ± 0.5	≤ ± 1.0	40.0	≤ ± 0.5	0.6	22
6.0	≤ ± 0.5	≤ ± 1.0	40.0	≤ ± 0.5	0.6	22
8.0	≤ ± 0.5	≤ ± 1.0	40.0	≤ ± 0.5	0.6	22
10.0	≤ ± 0.5	≤ ± 1.0	40.0	≤ ± 0.5	0.6	22
12.5	≤ ± 0.5	≤ ± 1.0	40.0	≤ ± 0.5	0.6	22
16.0	≤ ± 0.5	≤ ± 1.0	40.0	≤ ± 0.5	0.8	20
18.0	≤ ± 0.5	≤ ± 1.5	40.0	≤ ± 0.5	0.8	20
22.0	≤ ± 1.0	≤ ± 1.5	40.0	≤ ± 0.5	0.8	20
25.0	≤ ± 1.0	≤ ± 1.5	40.0	≤ ± 0.5	0.8	20

OUTLINE DRAWING



Dimensions in mm

ORDERING INFORMATION

CEAJ	100	16	TR
Range	Capacitance µF	Voltage V	Options Tape/Reel Blank = Loose

Products with a case diameter of 10mm or less will be supplied taped only.

RIPPLE CURRENT

V / µF	6.3	10	16	25	35	50	63	80	100
0.47	7	7	7	7	7	7	7	7	7
1.0	10	10	10	10	10	10	10	10	10
2.2	15	15	15	15	15	15	15	17	17
3.3	19	19	19	19	19	19	19	21	21
4.7	23	23	23	23	23	23	25	25	25
6.8	21	21	21	22	25	27	30	30	34
10	25	25	25	27	30	33	36	41	45
15	31	31	31	33	41	45	51	55	60
22	38	38	38	44	49	61	61	72	81
33	46	46	51	54	69	75	89	97	99
47	51	56	61	73	82	106	117	119	134
68	67	67	73	88	116	128	143	161	178
100	82	93	101	127	158	174	196	216	255
150	114	114	146	174	194	240	265	312	337
220	150	177	177	210	266	321	346	408	439
330	200	223	242	291	359	424	463	538	620
470	239	267	329	384	467	554	597	741	792
680	288	361	433	498	611	725	836	962	
1000	393	488	572	672	816	1011	1163		
1500	530	650	733	816	1052	1326			
2200	733	783	912	1099	1398				
3300	953	1077	1215	1483					
4700	1215	1483	1585						
6800	1602	1712							

SPECIFICATION

Item	Performance Characteristics									
Operating Temperature Range	-40˚C to +105˚C									
Rated Working Voltage Range	6.3 WVDC to 100WVDC									
Nominal Capacitance Range	0.47 Mfd. to 6800Mfd.									
Capacitance Tolerance	± 20% (M) or ± 10%(K) (+25˚C, 120Hz)									
Leakage Current	≤ 100WVDC = I ≤ 0.01CV or 4µA >100WVDC = I ≤ 0.01CV = +100µA After 5 minutes application at +25˚C at rated voltage									
Surge Voltage	Rated WVDC	6.3	10	16	25	35	50	63	80	100
	Surge voltage	8	13	20	32	44	63	79	100	125
Characteristics at Low Temperature	Impedance ratio at 120Hz									
	Rated Voltage [V]	6.3	10	16	25	35	50	63	80	100
	-25˚C/+25˚C	4	3	2	2	2	2	2	2	2
	-40˚C/+25˚C	10	8	6	4	3	3	3	3	3
Load Life Test	After 1000 hours application of W.V. at 105˚C the capacitor shall meet the following limits: Capacitance change ≤ ± 20% of initial value Dissipation factor ≤ 200% of initial specified value Leakage current ≤ initial specified									
Shelf Life	At 105˚C no voltage applied after 500 hours in the capacitor shall meet the following limits: Capacitance change ≤ ± 20% of initial value Dissipation factor ≤ 200% of initial specified value Leakage current ≤ 200 specified value									