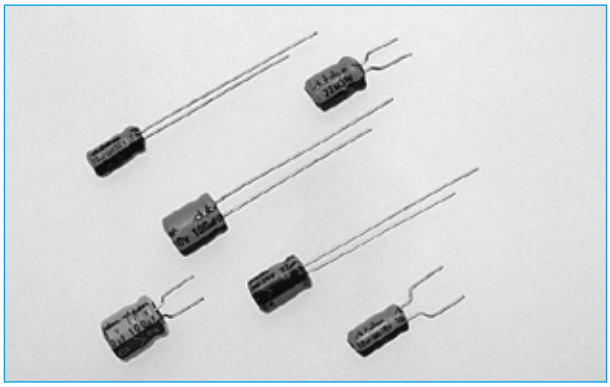
- 7mm high case sizes
- The CEK is a high-quality radial electrolytic capacitor featuring the industry-standard 'K' case size.
- Applications include automotive, telecommunications, radio and other designs requiring low profile cases.
- 5mm pitch and SL (straight lead) available.
- The usages are as CEK but 105˚C.



SPECIFICATION

Item	Specification							
Cap. Tolerance (120Hz 20˚C)	± 20% (M)							
Rated Working Voltage	4 ~ 63WV							
Operating Temp. Range	-40 ~ +105˚C							
Surge Voltage (V) (20˚C)	WV	6.3	10	16	25	35	50	63
	SV	8	13	20	32	44	63	79
Leakage Current (μA) (20˚C)	I ≤ 0.01CV or 3μA Whichever is greater after rated voltage applied for 3 min. I: Leakage Current (μA) C: Capacitance (μF) V: Voltage (V)							
Dissipation Factor (%) (120Hz 20˚C)	WV	6.3	10	16	25	35	50	63
	DF	24	20	16	14	12	10	8
Low Temp. Characteristics	Impedance ratio at 120Hz							
	Comparison Z\WV	6.3	10	16	25	35	50	63
	-25˚C / 20˚C	4	3	2	2	2	2	2
	-40˚C / 20˚C	8	6	4	4	4	4	4
Load Life	Capacitance Change ≤ ± 20% of Initial Value Dissipation Factor ≤ 200% of Initial Specified Value Leakage Current ≤ Initial Specified Value after 1000 hours application of W.V. at 105˚C							

ORDERING INFORMATION

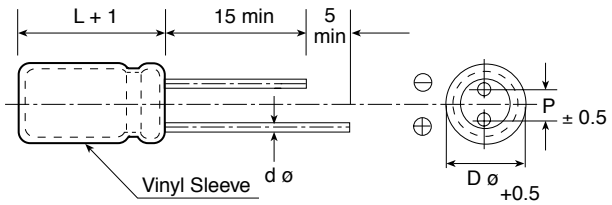
CEKJ	10	16	TA
Range	Capacitance μF	Voltage V	Options: TA = Tape/Ammo-box SL = Straight Lead

TA = 5mm, e.g. TA 2mm = 2mm pitch.
Note: Always add SL if you require straight lead pitch e.g. CEKJ10 16 SL as the standard CEKJ10 16 is 5mm pitch.

RANGE & CASE SIZE (mm) øD x L

µF / WV	6.3	10	16	25	35	50
0.1	→	→	→	→	→	4x7
0.22	→	→	→	→	→	4x7
0.33	→	→	→	→	→	4x7
0.47	→	→	→	→	→	4x7
1	→	→	→	→	→	4x7
2.2	→	→	→	→	→	4x7
3.3	→	→	→	→	→	4x7
4.7	→	→	→	→	4x7	5x7
10	→	→	4x7	4x7	5x7	6.3x7
22	→	4x7	5x7	5x7	6.3x7	
33	4x7	4x7	5x7	5x7	6.3x7	
47	4x7	4x7	5x7	6.3x7		
100	5x7	6.3x7	6.3x7			
220	6.3x7	6.3x7				

OUTLINE DRAWING



øD	4	5	6.3
P	1.5	2.0	2.5
ød	0.45	0.45	0.45
a	1.0	1.0	1.0
b	0.5	0.5	0.5

MAXIMUM RIPPLE CURRENT (mA) 120Hz/105˚C

µF / WV	6.3	10	16	25	35	50
0.1	→	→	→	→	→	1.0
0.22	→	→	→	→	→	2.3
0.33	→	→	→	→	→	3.5
0.47	→	→	→	→	→	5.0
1	→	→	→	→	→	10
2.2	→	→	→	→	→	19
3.3	→	→	→	→	→	24
4.7	→	→	→	→	24	29
10	→	→	29	31	36	44
22	→	32	44	48	58	
33	38	45	52	56	65	
47	40	47	55	62		
100	60	78	87			
220	110	120				