

Radial Lead Type

Series: KA (Bi-polar) Type : A

Country of Origin

■ Features Endurance: 85°C 1000 h
7 mm height

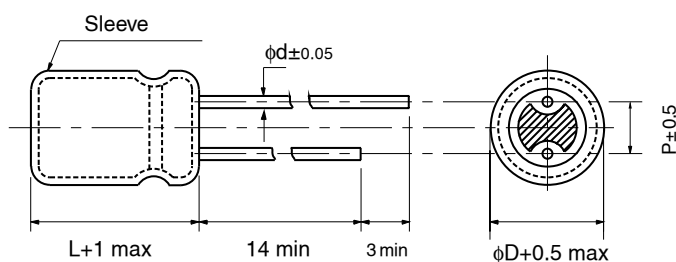
Japan
Malaysia
China



■ Specifications

Category voltage	-40 to +85°C		
Rated W.V. Range	4 to 50 V .DC		
Nominal Cap. Range	0.1 to 100 μ F		
Capacitance Tolerance	±20 % (120Hz/+20°C)		
DC Leakage Current	I ≤ 0.05 CV or 10(μ A) after 2 minutes (Whichever is greater)		
tan δ	Please see the attached standard products list.		
Endurance	After 1000 hours application of DC working voltage (500 hours for each polarity) at +85°C, the capacitor shall meet the following limits.		
	Capacitance change	± 20% of initial measured value	
	tan δ	≤ 200 % of initial specified value	
	DC leakage current	≤ initial specified value	
Shelf Life	After storage for 1000 hours at +85±2 °C with no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in Endurance (With voltage treatment)		

■ Dimensions in mm (not to scale)



Body Dia. ϕD	4	5	6.3
Lead Dia. ϕd	0.45	0.45	0.45
Lead Space P	1.5	2.0	2.5

■ Standard Products(Bi-polar)

W.V. (V)	Cap. (±20%) (μF)	Case size		Specification		Lead Length				Part No.	Min. Packaging Q'ty	
		Dia. (mm)	Length (mm)	Ripple current (120Hz) (+85°C) (mA)	tan δ (120Hz) (+20°C)	Lead Dia. (mm)	Lead Space				Straight Leads (pcs)	Taping (pcs)
							Straight (mm)	Taping ※B (mm)	Taping ※I (mm)			
4	100	6.3	7	61	0.35	0.45	2.5	5.0	2.5	ECEA0GKN101()	200	2000
6.3	22	5	7	29	0.24	0.45	2.0	5.0	2.5	ECEA0JKN220()	200	2000
	33	5	7	38	0.24	0.45	2.0	5.0	2.5	ECEA0JKN330()	200	2000
	47	6.3	7	46	0.24	0.45	2.5	5.0	2.5	ECEA0JKN470()	200	2000
10	10	4	7	25	0.20	0.45	1.5	5.0	2.5	ECEA1AKN100()	200	2000
	22	5	7	35	0.20	0.45	2.0	5.0	2.5	ECEA1AKN220()	200	2000
	33	6.3	7	43	0.20	0.45	2.5	5.0	2.5	ECEA1AKN330()	200	2000
	47	6.3	7	65	0.20	0.45	2.5	5.0	2.5	ECEA1AKN470()	200	2000
16	4.7	4	7	20	0.16	0.45	1.5	5.0	2.5	ECEA1CKN4R7()	200	2000
	10	5	7	25	0.16	0.45	2.0	5.0	2.5	ECEA1CKN100()	200	2000
	22	6.3	7	39	0.16	0.45	2.5	5.0	2.5	ECEA1CKN220()	200	2000
	33	6.3	7	60	0.16	0.45	2.5	5.0	2.5	ECEA1CKN330()	200	2000
25	3.3	4	7	16	0.16	0.45	1.5	5.0	2.5	ECEA1EKN3R3()	200	2000
	4.7	5	7	21	0.16	0.45	2.0	5.0	2.5	ECEA1EKN4R7()	200	2000
	10	6.3	7	28	0.16	0.45	2.5	5.0	2.5	ECEA1EKN100()	200	2000
	22	6.3	7	55	0.16	0.45	2.5	5.0	2.5	ECEA1EKN220()	200	2000
35	2.2	4	7	12	0.14	0.45	1.5	5.0	2.5	ECEA1VKN2R2()	200	2000
	3.3	5	7	16	0.14	0.45	2.0	5.0	2.5	ECEA1VKN3R3()	200	2000
	4.7	5	7	22	0.14	0.45	2.0	5.0	2.5	ECEA1VKN4R7()	200	2000
	10	6.3	7	30	0.14	0.45	2.5	5.0	2.5	ECEA1VKN100()	200	2000
50	0.1	4	7	1	0.12	0.45	1.5	5.0	2.5	ECEA1HKN0R1()	200	2000
	0.22	4	7	2	0.12	0.45	1.5	5.0	2.5	ECEA1HKNR22()	200	2000
	0.33	4	7	3	0.12	0.45	1.5	5.0	2.5	ECEA1HKNR33()	200	2000
	0.47	4	7	5	0.12	0.45	1.5	5.0	2.5	ECEA1HKNR47()	200	2000
	1	4	7	10	0.12	0.45	1.5	5.0	2.5	ECEA1HKN010()	200	2000
	2.2	5	7	16	0.12	0.45	2.0	5.0	2.5	ECEA1HKN2R2()	200	2000
	3.3	5	7	16	0.12	0.45	2.0	5.0	2.5	ECEA1HKN3R3()	200	2000
	4.7	6.3	7	23	0.12	0.45	2.5	5.0	2.5	ECEA1HKN4R7()	200	2000

When requesting taped product, please put the letter "B" or "i" between the "()". Lead wire pitch B=5mm, i=2.5mm.
The taping dimensions are explained on p.188 of our Catalog. Please use it as a reference guide.
Endurance : 85°C 1000h