

Radial Lead Type

Series: KS(Bi-polar) Type : A

Country of Origin

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

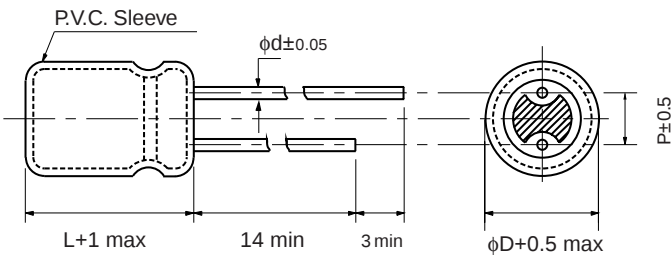
Japan
Malaysia



■ Specifications

Category temp. range	-40 to +85°C		
Rated W.V. Range	6.3 to 50 V .DC		
Nominal Cap. Range	0.1 to 47 μ F		
Capacitance Tolerance	±20 % (120Hz/+20°C)		
DC Leakage Current	I ≤ 0.05 CV or 10(μ A) 2 minutes (Whichever, greater)		
tan δ	Please see the attached standard products list.		
Endurance	After applying rated working voltage for 1000 hours (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	2.5

■ Standard Products(Bi-polar)

W.V. (V)	Cap. (±20%) (μF)	Case size		Specification		Lead Length				Part No.	Min. Packaging Q'ty	
		Dia.	Length	Ripple current (120Hz +85°C) (mA)	tan δ (120Hz) (+20°C)	Lead Dia.	Lead Space				Straight Leads	Taping
							Straight	Taping *B (mm)	Taping *i (mm)			
		(mm)	(mm)			(mm)	(mm)	(mm)	(mm)		(pcs)	(pcs)
6.3	22	5	5	29	0.24	0.45	2.0	5.0	2.5	ECEA0JSN220()	200	2000
	33	6.3	5	38	0.24	0.45	2.5	5.0	2.5	ECEA0JSN330()	200	2000
	47	6.3	5	46	0.24	0.45	2.5	5.0	2.5	ECEA0JSN470()	200	2000
10	10	4	5	25	0.20	0.45	1.5	5.0	2.5	ECEA1ASN100()	200	2000
	22	6.3	5	35	0.20	0.45	2.5	5.0	2.5	ECEA1ASN220()	200	2000
	33	6.3	5	43	0.20	0.45	2.5	5.0	2.5	ECEA1ASN330()	200	2000
16	4.7	4	5	20	0.20	0.45	1.5	5.0	2.5	ECEA1CSN4R7()	200	2000
	10	5	5	25	0.20	0.45	2.0	5.0	2.5	ECEA1CSN100()	200	2000
	22	6.3	5	39	0.20	0.45	2.5	5.0	2.5	ECEA1CSN220()	200	2000
25	3.3	5	5	18	0.20	0.45	2.0	5.0	2.5	ECEA1ESN3R3()	200	2000
	4.7	5	5	21	0.20	0.45	2.0	5.0	2.5	ECEA1ESN4R7()	200	2000
	10	6.3	5	28	0.20	0.45	2.5	5.0	2.5	ECEA1ESN100()	200	2000
35	2.2	4	5	12	0.20	0.45	1.5	5.0	2.5	ECEA1VSN2R2()	200	2000
50	0.1	4	5	1	0.20	0.45	1.5	5.0	2.5	ECEA1HSN0R1()	200	2000
	0.22	4	5	2	0.20	0.45	1.5	5.0	2.5	ECEA1HSNR22()	200	2000
	0.33	4	5	3	0.20	0.45	1.5	5.0	2.5	ECEA1HSNR33()	200	2000
	0.47	4	5	5	0.20	0.45	1.5	5.0	2.5	ECEA1HSNR47()	200	2000
	1	4	5	10	0.20	0.45	1.5	5.0	2.5	ECEA1HSN010()	200	2000
	2.2	5	5	16	0.20	0.45	2.0	5.0	2.5	ECEA1HSN2R2()	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.
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