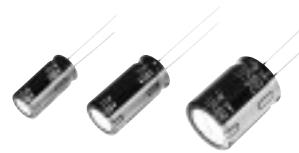


### Radial Lead Type

Series: **EB**    Type: **A**



#### ■ Features

- Endurance : +105 °C 5000 h to 10000 h
- RoHS directive compliant

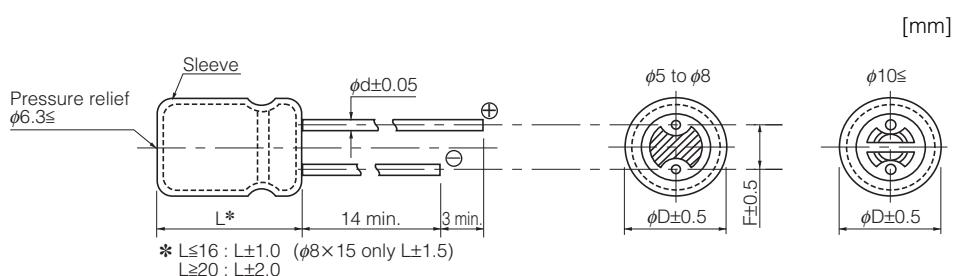
#### ■ Specifications

Category	Temp. Range	-40 °C to +105 °C
Rated W.V. Range	10 V.DC to 63 V.DC	
Nominal Cap. Range	0.47 µF to 3300 µF	
Capacitance Tolerance	±20 % (120 Hz/+20 °C)	
DC Leakage Current	I ≤ 0.01 CV or 3 (µA) After 2 minutes application of rated working voltage at +20 °C (Whichever is greater)	
tan δ	Please see the attached standard products list	
Endurance	After following life test with DC voltage and +105 °C±2 °C ripple current value applied (The sum of DC and ripple peak voltage shall not exceed the rated working voltage), when the capacitors are restored to 20 °C, the capacitors shall meet the limits specified below. Duration : φ5×11 to φ8×11.5 : 5000 hours φ5×15 to φ6.3×15 : 7000 hours φ8×15 to φ12.5×25 : 10000 hours	
	Capacitance change	±30 % of initial measured value
	tan δ	≤ 300 % of initial specified value
	DC leakage current	≤ initial specified value
Shelf Life	After storage for 1000 hours at +105 °C±2 °C with no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in Endurance. (With voltage treatment)	

#### ■ Frequency correction factor for ripple current

W. V. (V. DC)	Capacitance (µF)	Frequency (Hz)				
		60	120	1 k	10 k	100 k
10 to 63	0.47 to 10	0.75	1.00	1.40	1.55	1.65
	22 to 470	0.85	1.00	1.20	1.25	1.30
	1000 to 3300	0.95	1.00	1.05	1.10	1.15

#### ■ Dimensions in mm (not to scale)



	(mm)				
Body Dia. φD	5	6.3	8	10	12.5
Lead Dia. φd	0.5	0.5	0.6	0.6	0.6
Lead space F	2.0	2.5	3.5	5.0	5.0

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use.  
Should a safety concern arise regarding this product, please be sure to contact us immediately.

00 Sep. 2008

