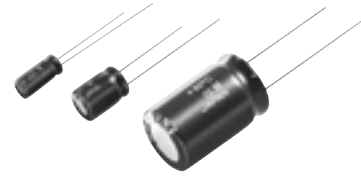


Radial Lead Type

Series: **M** Type: **A**



■ Features

- Endurance : 85 °C 2000 h
- Smaller than series SU
- RoHS directive compliant

■ Specifications

Category Temp. Range	-40 °C to + 85 °C	-25 °C to +85 °C
Rated W.V. Range	6.3 V.DC to 100 V.DC	160 V.DC to 450 V.DC
Nominal Cap. Range	2.2 μF to 22000 μF	1 μF to 470 μF
Capacitance Tolerance	±20 % (120 Hz/+20 °C)	
DC Leakage Current	$I \leq 0.01 CV$ or $3 (\mu A)$ After 2 minutes (Whichever is greater)	$I \leq 0.06 CV + 10 (\mu A)$ After 2 minutes
tan δ	Please see the attached standard products list	
Endurance	After applying rated working voltage for 2000 hours at +85°C±2 °C, when the capacitors are restored to 20 °C, capacitors shall meet the following limits.	
	Capacitance change	±20 % of initial measured value
	tan δ	≤150 % of initial specified value
	DC leakage current	≤initial specified value
Shelf Life	After storage for 1000 hours at +85 °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

Correction factor	Frequency (Hz)			
	50, 60	120	1 k	10 k to
	0.70	1.00	1.30	1.70

■ Dimensions in mm (not to scale)

(Unit : mm)

