

AM For Hi-Fi Component System Series

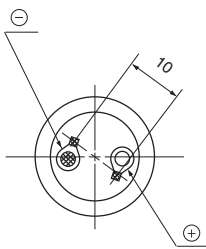
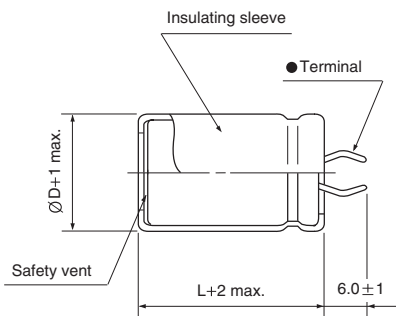
For Audio Use Solvent Proof



- For high grade audio equipment
- High resonance frequency, low ESR and low impedance
- For AMP, AVR
- Snap-in terminal type
- Voltage range of 16~100V
- Complied to the RoHS directive

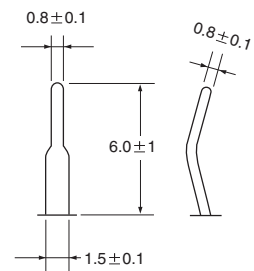
Item	Characteristics				
Operating temperature range	-40 ~ +85°C				
Capacitance tolerance	±20% at 120Hz, 20°C				
Leakage current max.	$I = 3\sqrt{CV}$ (µA) (after 5 minutes)				
Dissipation factor max. (at 120Hz, 20°C)	WV	16	25 ~ 35	50 ~ 71	80 ~ 100
	tanδ	0.25	0.22	0.20	0.15
Charge and discharge characteristics	After charge and discharge for 5000 cycles at 70°C with application of the rated voltage, the capacitors shall be satisfied the following specifications.				
	Appearance	No visible damage and no leakage electrolyte			
	Leakage current	Less than specified value			
	Capacitance change	Within ±15% of initial value			
	tanδ	Less than 150% of specified value			
Conditions					
Charge resistance : 4Ω		Applied current : 1A			
Discharge resistance : 100Ω		Charge and discharge time : 60sec. (each)			
Load life (after application of the rated voltage for 2000 hours at 85°C)	Leakage current	Less than specified value			
	Capacitance change	Within ±20% of initial value			
	tanδ	Less than 200% of specified value			
Shelf life (at 85°C)	After 1000 hours no load test, leakage current, capacitance and tanδ are same as load life value. The measurement shall be performed at 20°C by the KS C IEC 60384 - 4				

DRAWING



PC Board Mounting Holes

Terminal



Unit : mm

DIMENSIONS

ØD×L(mm)

µF \ WV	16	25	35	50	63	80	100
470							22 × 40
680						22 × 40	25.4 × 40
1000					22 × 40	25.4 × 40	25.4 × 50
1500				22 × 40	25.4 × 40	25.4 × 50	30 × 50
2200				22 × 40	25.4 × 40	25.4 × 50	30 × 50
3300		22 × 40	25.4 × 40	25.4 × 50	25.4 × 50	30 × 50	35 × 50
4700		25.4 × 40	25.4 × 50	30 × 50	30 × 50	30 × 60	35 × 60
6800	22 × 40	25.4 × 50	30 × 50	30 × 60	35 × 60		
8200	25.4 × 40	30 × 50	35 × 50	35 × 60	35 × 60		
10000	25.4 × 50	35 × 50	35 × 60	35 × 60			
12000	30 × 50	35 × 50	35 × 60				
15000	35 × 50	35 × 60					
22000	35 × 60						
33000	35 × 60						