

# LARGE ALUMINUM ELECTROLYTIC CAPACITORS



NEW

## AR For Inverter Air-conditioning System Series

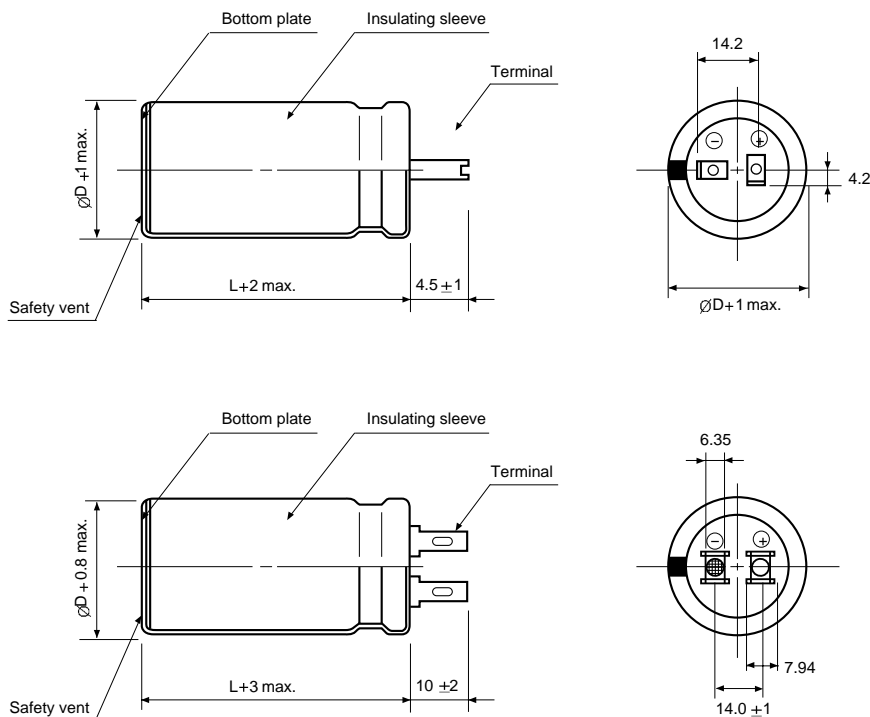
- For high ripple current application such as air conditioning system
- Load life of 3000 hours at 85°C



Item	Characteristics			
Operating temperature range	-25 ~ +85℃			
Capacitance tolerance	± 10% at 120Hz, 20℃			
Leakage current max.	I=3 √CV (μA) (after 5 minutes)			
Dissipation factor (120Hz, 20℃)	WV	220	330	400
	tanδ	0.02	0.03	0.05
Low temperature characteristics (120Hz)	Z(-25℃)/ Z(+20℃) ≤ 4			
Load life	After an application of DC bias voltage plus the rated AC ripple current for 3000 hours at 85℃. The measurement shall meet the following limits.			
	Leakage current	Less than specified value		
	Capacitance change	Within ±20% of initial value		
	tanδ	Less than 200% of specified value		
Shelf life (at 85℃)	This following specifications shall be satisfied when capacitors are restored to 20℃ after exposing them for 1000 hours at 85℃ without voltage applied.			
	Leakage current	Less than specified value		
	Capacitance change	Within ±15% of initial value		
	tanδ	Less than 150% of specified value		

### DRAWING

Unit : mm



\* Note : If you want to use the 'AR' series in your circuit, Please consult our technical department.