

MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

I14074 (ES)

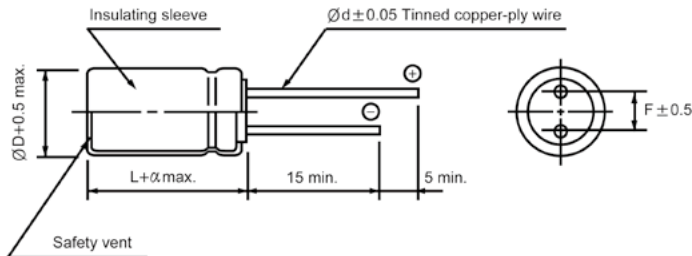
Bi-Polarized, For Audio Equipment Series

- Suited for audio signal circuits
- Complied to the RoHS directive

Items	Performance characteristics						
Operating temperature range	-40 ~ +85°C						
Leakage current max.	I = 0.03CV or 3μA whichever is greater (after 1 minute)						
Capacitance tolerance	±20% at 120Hz, 20°C						
Dissipation factor max. (at 120Hz, 20°C)	WV	6.3	10	16	25	35	50
	Tanδ	0.24	0.20	0.16	0.16	0.14	0.12
Low temperature characteristics (Impedance ratio at 120Hz)	WV	6.3	10	16	25	35	50
	Z-25°C / Z+20°C	4	3	2	2	2	2
	Z-40°C / Z+20°C	8	6	4	4	4	4
Load life (after application of the rated voltage for 1000 hours at 85°C)	Leakage current	Less than specified value					
	Capacitance change	Within ±20% of initial value					
	Tanδ	Less than 150% of specified value					
	Test method	Polarity reverse each 250 hours					
Shelf life (at 85°C)	After 1000 hours no load test, leakage current, capacitance and tanδ are same as load life value.						

● DRAWING

Unit : mm



ΦD	5	6.3	8	10	12.5	16
F	2.0	2.5	3.5	5.0	5.0	7.5
Φd	0.5		0.6		0.8	
α	1.5			2.0		

● DIMENSIONS

μF \ WV	6.3	10	16	25	35	50
1.0						5×11
2.2						5×11
3.3						5×11
4.7				5×11	5×11	6.3×11
10			5×11	5×11	6.3×11	8×11.5
22		5×11	6.3×11	6.3×11	8×11.5	10×12.5
33	5×11	6.3×11	6.3×11	8×11.5	10×12.5	10×16
47	6.3×11	6.3×11	8×11.5	10×12.5	10×12.5	10×20
100	8×11.5	10×12.5	10×12.5	10×16	10×20	12.5×25
220	10×12.5	10×16	10×20	12.5×25	12.5×25	16×25
330	10×16	10×20	12.5×20	12.5×25	16×25	16×31.5
470	10×20	12.5×20	12.5×25	16×25	16×25	
1000	12.5×25	16×25	16×25	16×31.5	← Case size ΦD×L(mm)	