# ALUMINUM ELECTROLYTIC CAPACITORS





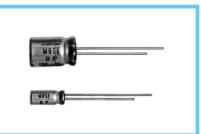
Bi-Polarized, For Audio Equipment



• Bi-polarized "nichicon MUSE" acoustic series.

- Suited for audio signal circuits.
- Adapted to the RoHS directive (2002/95/EC).

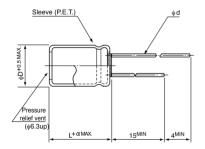


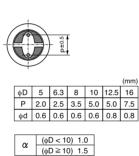


#### Specifications

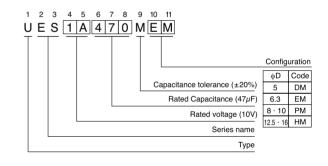
Item	Performance Characteristics										
Category Temperature Range	−40 ~ +85°C										
Rated Voltage Range	6.3 ~ 50V										
Rated Capacitance Range	0.47 ~ 1000µF										
Capacitance Tolerance	±20% at 120Hz, 20°C										
Leakage Current	After 1 minute's application of rated voltage, leakage current is not more than 0.03CV or 3 (µA), whichever is greater.										
tan δ	Measurement frequency : 120Hz, Temperature : 20°C										
	Rated voltage (V) 6.3	10	16		25	35		50			
	tan δ (MAX.) 0.24	0.20	0.16		0.16	0.1	14	0.12			
Stability at Low Temperature	Measurement frequency : 120Hz										
	Rated voltage (V)	6.3	10	16	25 35		50				
	Impedance ratio Z-25°C / Z+20°C	4	3	2	2	2	2	2			
	ZT / Z20 (MAX.) Z–40°C / Z+20°C	8	6	4	4	۱ I	4	4			
Endurance	After 1000 hours' application of rated v	Capacitance	Within ±20%	hin ±20% of initial value							
	with the polarity inverted every 250 hou	tan δ		150% or less of initial specified value							
	meet the characteristics requirement list	Leakage current		Initial specified value or less							
Shelf Life	After storing the capacitors under no load at 85°C for 1000 hours, and after performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they will meet the specified value for endurance characteristics listed above.										
Marking	Printed with black color letter on clear green sleeve.										

### Radial Lead Type





Type numbering system (Example : 10V  $47\mu F$ )



• Please refer to page 21 about the end seal configulation.

#### Dimensions

φD×I (mm)

	V	6.3	10	16	25	35	50				
Cap.(µF)	Code	0J	1A	1C	1E	1V	1H				
0.47	R47						5×11				
1	010						5×11				
2.2	2R2						5×11				
3.3	3R3						5×11				
4.7	4R7				5×11	5×11	6.3×11				
10	100			5×11	5×11	6.3×11	8×11.5				
22	220		5×11	6.3×11	6.3×11	8×11.5	10×12.5				
33	330	5×11	6.3×11	6.3×11	8×11.5	10×12.5	10×16				
47	470	6.3×11	6.3×11	8×11.5	10×12.5	10×12.5	10×20				
100	101	8×11.5	10×12.5	10×12.5	10×16	10×20	12.5×25				
220	221	10×12.5	10×16	10×20	12.5×25	12.5×25	16×25				
330	331	10×16	10×20	12.5×20	12.5×25	16×25	16×31.5				
470	471	10×20	12.5×20	12.5×25	16×25	16×25					
1000	102	12.5×25	16×25	16×25	16×31.5						

Please refer to page 21, 22, 23 about the formed or taped product spec. Please refer to page 3 for the minimum order quantity.

## CAT.8100V