

ALUMINUM ELECTROLYTIC CAPACITORS

nichicon



KZ

Premium Grade Type, For Audio Equipment

series



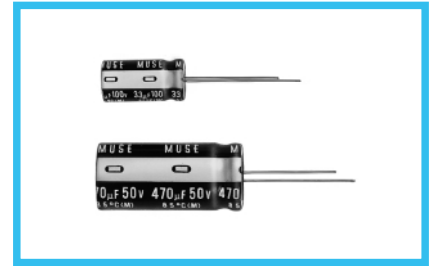
For Audio Use



Anti-Solvent Feature

- Premium grade “nichicon MUSE” acoustic series.
- Ideally suited for first class audio equipment where qualitative and quantitative comfortableness is required.
- Compliant to the RoHS directive (2002/95/EC).

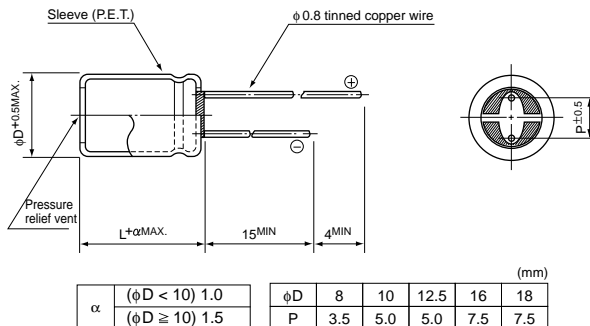
KZ ← High Grade FG



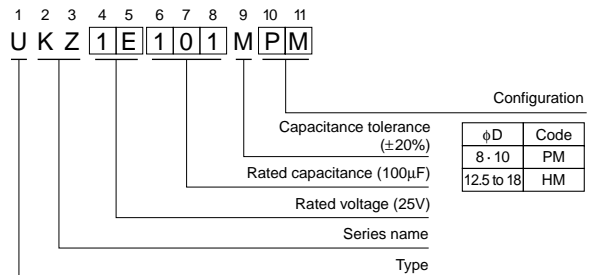
Specifications

Item	Performance Characteristics								
Category Temperature Range	−40 to +85°C								
Rated Voltage Range	25 to 100V								
Rated Capacitance Range	10 to 1000μF								
Capacitance Tolerance	±20% at 120Hz, 20°C								
Leakage Current	After 1 minute's application of rated voltage, leakage current is 0.01CV or less.								
Tangent of loss angle (tan δ)	Measurement frequency : 120Hz at 20°C								
	Rated voltage (V)	25	50	100					
	tan δ (MAX.)	0.12	0.08	0.07					
Stability at Low Temperature	Measurement frequency : 120Hz								
	Rated voltage (V)		25	50	100				
	Impedance ratio ZT / Z20 (MAX.)	Z−25°C / Z+20°C	2	2	2				
		Z−40°C / Z+20°C	4	3	3				
Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 1000 hours at 85°C.								
						Capacitance change		Within ±20% of the initial capacitance value	
						tan δ		150% or less than the initial specified value	
						Leakage Current		Less than or equal to the initial specified value	
Shelf Life	After storing the capacitors under no load at 85°C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they shall meet the specified values for the endurance characteristics listed above.								
Marking	Printed with gold color letter on black sleeve.								

Radial Lead Type



Type numbering system (Example : 25V 100µF)



- Please refer to page 20 about the end seal configuration.

Dimensions

		φD × L (mm)			
Cap. (µF)	V	25	50	100	
	Code	1E	1H	2A	
10	100			8 × 11.5	
22	220		8 × 11.5	10 × 16	
33	330	8 × 11.5	10 × 12.5	10 × 20	
47	470	10 × 12.5	10 × 16	12.5 × 20	
100	101	10 × 16	12.5 × 20	16 × 25	
220	221	12.5 × 20	16 × 25	16 × 35.5	
330	331	12.5 × 25	16 × 31.5	18 × 35.5	
470	471	16 × 25	16 × 35.5		
1000	102	16 × 35.5	18 × 40		

Please refer to page 20, 21, 22 about the formed or taped product spec.
Please refer to page 4 for the minimum order quantity.

CAT.8100B