ALUMINUM ELECTROLYTIC CAPACITORS

nichicon

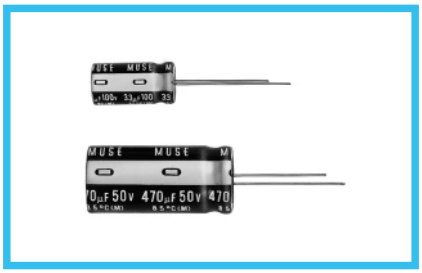
nichicon MUSE **KZ** series

Premium Grade Type, For Audio Equipment

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).

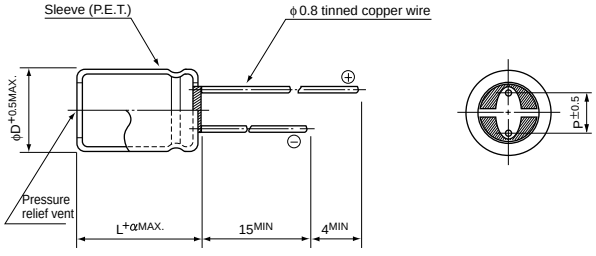
KZ ← High Grade FG



■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 Impedance ratio ZT / Z20 (MAX.) 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



(mm)

α	(φD < 10) 1.0
	(φD ≧ 10) 1.5

φD	8	10	12.5	16	18
P	3.5	5.0	5.0	7.5	7.5

• Please refer to page 20 about the end seal configulation.

Type numbering system (Example : 25V 100μF)

1	2	3	4	5	6	7	8	9	10	11
U	K	Z	1	E	1	0	1	M	P	M

Configuration

Capacitance tolerance (±20%)

Rated capacitance (100μF)

Rated voltage (25V)

Series name

Type

φD	Code
8 · 10	PM
12.5 to 18	HM

■Dimensions

φD×L (mm)

Cap.(μF) \ V	Code	25 (1E)	50 (1H)	100 (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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Nichicon:

UKZ1E101MPB UKZ1E102MHB UKZ1E221MHB UKZ1E330MPB UKZ1E471MHB UKZ1H471MHB LGZ2E151MHSB UKZ1E101MPM UKZ1E102MHM UKZ1E221MHM UKZ1E330MPM UKZ1E331MHM UKZ1E470MPM UKZ1E471MHM UKZ1H101MHM UKZ1H102MHM UKZ1H221MHM UKZ1H330MPM UKZ1H331MHM UKZ1H470MPM UKZ1H471MHM UKZ2A100MPM UKZ2A101MHM UKZ2A220MPM UKZ2A221MHM UKZ2A330MPM UKZ2A331MHM UKZ2A470MHM