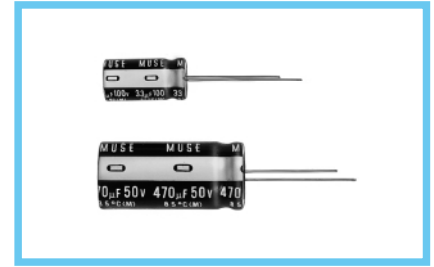




Premium Grade Type, For Audio Equipment



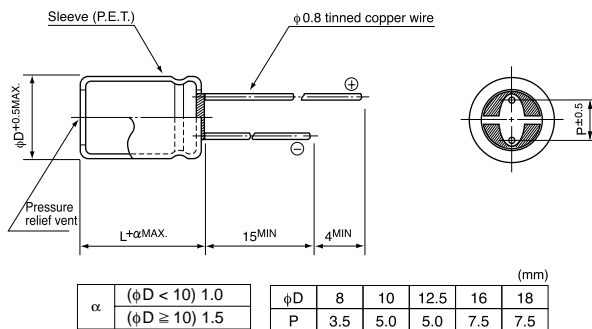
- Premium grade “nichicon MUSE” acoustic series.
- Ideally suited for first class audio equipment where qualitative and quantitative comfortableness is required.
- Adapted to the RoHS directive (2002/95/EC).



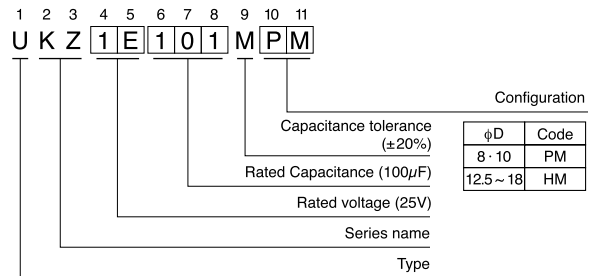
## Specifications

Item	Performance Characteristics													
Category Temperature Range	-40 ~ +85°C													
Rated Voltage Range	25 ~ 100V													
Rated Capacitance Range	10 ~ 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.													
tan δ	Measurement frequency : 120Hz, Temperature : 20°C													
	<table border="1"> <tr> <td>Rated voltage (V)</td> <td>25</td> <td>50</td> <td>100</td> </tr> <tr> <td>tan δ (MAX.)</td> <td>0.12</td> <td>0.08</td> <td>0.07</td> </tr> </table>	Rated voltage (V)	25	50	100	tan δ (MAX.)	0.12	0.08	0.07					
Rated voltage (V)	25	50	100											
tan δ (MAX.)	0.12	0.08	0.07											
Stability at Low Temperature	Measurement frequency : 120Hz													
	<table border="1"> <tr> <td>Rated voltage (V)</td> <td>25</td> <td>50</td> <td>100</td> </tr> <tr> <td>Impedance ratio ZT / Z20 (MAX.)</td> <td>Z-25°C / Z+20°C</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td></td> <td>Z-40°C / Z+20°C</td> <td>4</td> <td>3</td> <td>3</td> </tr> </table>	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
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	After 1000 hours' application of rated voltage at 85°C, capacitors meet the characteristic requirements listed at right.													
	Capacitance change	Within ±20% of initial value												
	tan δ	150% or less of initial specified value												
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.													
	Leakage Current	Initial specified value or less												
Marking	Printed with gold color letter on black sleeve.													

## Radial Lead Type



## Type numbering system (Example : 25V 100μF)



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

## Dimensions

Cap.(μF)	V	φD×L (mm)		
		25	50	100
10	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 21, 22, 23 about the formed or taped product spec.  
Please refer to page 3 for the minimum order quantity.