

ALUMINUM ELECTROLYTIC CAPACITORS

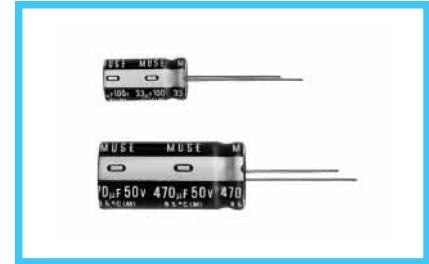
nichicon



Premium Grade Type, For Audio Equipment



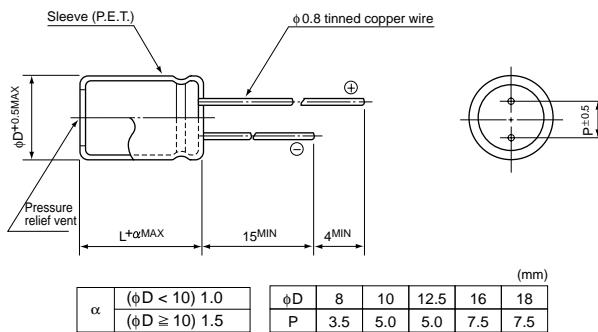
- Premium grade "nichicon MUSE" acoustic series.
- Ideally suited for first class audio equipment where qualitative and quantitative comfortableness is required.
- Adapted to the RoHS directive (2002/95/EC).



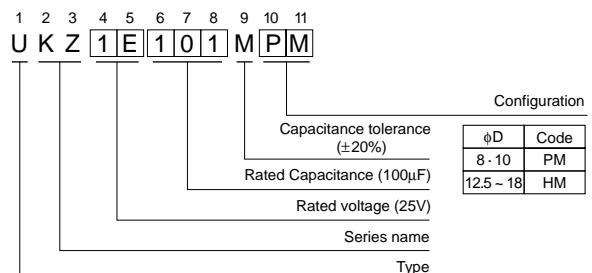
■ Specifications

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				
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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 Z-25°C / Z+20°C</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>ZT / Z20 (MAX.) 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 Z-25°C / Z+20°C	2	2	2	ZT / Z20 (MAX.) Z-40°C / Z+20°C	4	3	3
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ZT / Z20 (MAX.) 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. <table border="1"> <tr> <td>Capacitance change</td> <td>Within ±20% of initial value</td> </tr> <tr> <td>tan δ</td> <td>150% or less of initial specified value</td> </tr> <tr> <td>Leakage Current</td> <td>Initial specified value or less</td> </tr> </table>			Capacitance change	Within ±20% of initial value	tan δ	150% or less of initial specified value	Leakage Current	Initial specified value or less						
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Leakage Current	Initial specified value or less														
Shelf Life	After leaving capacitors under no load at 85°C for 1000 hours, they meet the specified value for endurance characteristics listed above.														
Marking	Printed with gold color letter on black sleeve.														

■ Radial Lead Type



Type numbering system (Example : 25V 100μF)



■ Dimensions

Cap.(μF)	Code	φD × L (mm)		
		25	50	100
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.

CAT.8100U