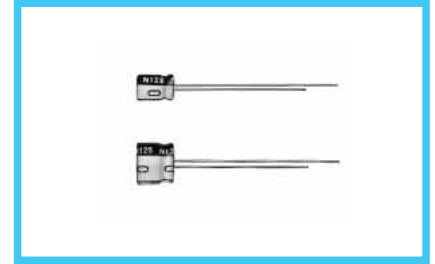


MC series 5mmL, For General Audio Equipment



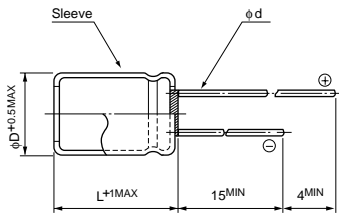
- "nichicon MUSE" acoustic series, with 5mm height.
- Ideally suited for very compact audio products in very thin and small dimensions.



Specifications

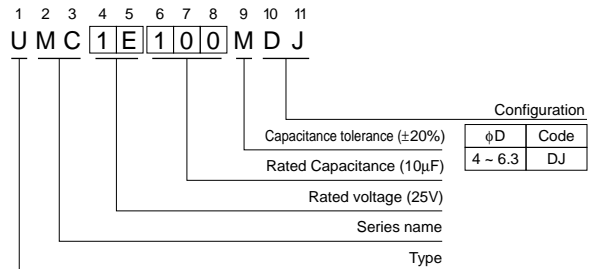
Item	Performance Characteristics								
Category Temperature Range	-40 ~ +85°C								
Rated Voltage Range	4 ~ 50V								
Rated Capacitance Range	0.1 ~ 220μF								
Capacitance Tolerance	±20% at 120Hz, 20°C								
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3 (μA), whichever is greater.								
tan δ	Measurement frequency : 120Hz, Temperature : 20°C								
	Rated voltage (V)	4	6.3	10	16	25	35	50	
	tan δ (MAX.)	0.35	0.24	0.20	0.16	0.14	0.12	0.10	
Stability at Low Temperature	Measurement frequency : 120Hz								
	Rated voltage (V)		4	6.3	10	16	25	35	50
	Impedance ratio ZT / Z20 (MAX.)	Z-25°C / Z+20°C	7	4	3	2	2	2	2
		Z-40°C / Z+20°C	15	8	6	4	4	3	3
Endurance	After 1000 hours' application of rated voltage at 85°C, capacitors meet the characteristics requirement listed at right.				Capacitance change		Within ±20% of initial value		
					tan δ		200% or less of initial specified value		
					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 white color letter on black sleeve.								

Radial Lead Type



	(mm)		
φD	4	5	6.3
P	1.5	2.0	2.5
φd	0.45	0.45	0.45

Type numbering system (Example : 25V 10μF)



※ Please contact to us if Eco-Products are required.

Dimensions

Cap.(μF)	Code	V		4		6.3		10		16		25		35		50			
		Code	0G	0J	1A	1C	1E	1V	1H										
0.1	0R1																4×5	1.0	
0.22	R22																	4×5	2.0
0.33	R33																	4×5	2.8
0.47	R47																	4×5	4.0
1	010																	4×5	8.4
2.2	2R2																	4×5	13
3.3	3R3																	4×5	17
4.7	4R7																	4×5	17
10	100																	4×5	13
22	220																	4×5	13
33	330	4×5	28	5×5	37	5×5	41	6.3×5	49	6.3×5	52								
47	470	4×5	33	5×5	45	6.3×5	52	6.3×5	58										
100	101	5×5	56	6.3×5	70														
220	221	6.3×5	96																
																		Case size	Rated ripple

Rated Ripple (mA rms) at 85°C 120Hz

Frequency coefficient of rated ripple current

Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz ~
Coefficient	0.70	1.00	1.17	1.36	1.50

Please refer to page 19, 20, 21 about the formed or taped product spec.
Please refer to page 3 for the minimum order quantity.