

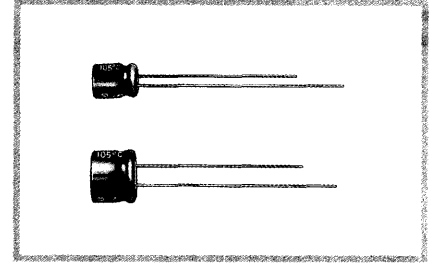


5mmL, Long Life Assurance

series



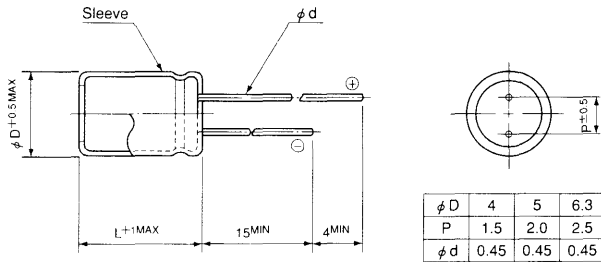
- Extended load life of 5000 hours at +105°C, with 5mm height.



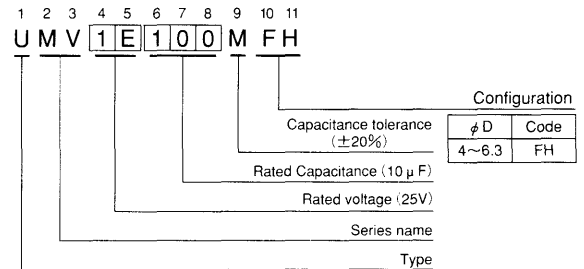
Specifications

Item	Performance Characteristics								
Category Temperature Range	-40~+105°C								
Rated Voltage Range	4~50V								
Rated Capacitance Range	0.1~100 μF								
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.)	0.37	0.28	0.24	0.20	0.16	0.13	0.12	
Stability at Low Temperature	Measurement frequency : 120Hz								
	Rated voltage (V)		4	6.3	10	16	25	35	50
	Impedance ratio	Z-25°C/Z+20°C	8	4	3	2	2	2	2
	ZT/Z20 (MAX.)	Z-40°C/Z+20°C	14	10	7	5	3	3	3
Endurance	After 5000 hours' application of rated voltage at 105°C capacitors meet the characteristic requirements listed at right.		Capacitance change		Within ±30% of initial value				
			tan δ		300% or less of initial specified value				
			Leakage current		Initial specified value or less				
Shelf Life	After leaving capacitors under no load at 105°C for 1000 hours, they meet the specified value for endurance characteristics listed above.								
Marking	Printed with silver color letter on dark brown sleeve.								

Radial Lead Type



Type numbering system (Example : 25V 10 μF)



Dimensions

Cap. (μF)	V	4		6.3		10		16		25		35		50	
		Code	0G	0J	1A	1C	1E	1V	1H						
0.1	0R1													4X5	1.0
0.22	R22													4X5	2.6
0.33	R33													4X5	3.2
0.47	R47													4X5	3.8
1	010													4X5	6.2
2.2	2R2													4X5	11
3.3	3R3													4X5	14
4.7	4R7									4X5	13	4X5	15	5X5	19
10	100							4X5	18	5X5	23	5X5	25	6.3X5	30
22	220	4X5	22	4X5	22	5X5	27	5X5	30	6.3X5	38	6.3X5	42		
33	330	5X5	30	5X5	30	5X5	35	6.3X5	40	6.3X5	48				
47	470	5X5	36	5X5	36	6.3X5	46	6.3X5	50						
100	101	6.3X5	60	6.3X5	60									Case size	Rated ripple

Rated Ripple (mA rms) at 105°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 18, 19, 20 about the formed or taped product spec.
Please refer to page 3 for the minimum order quantity.