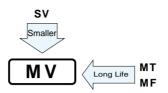
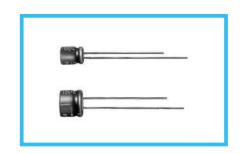




- Extended load life of 5000 hours at +105°C, with 5mm height.
- Compliant to the RoHS directive (2002/95/EC).

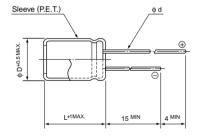


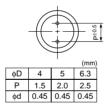


■Specifications

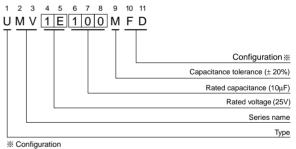
Item	Performance Characteristics										
Category Temperature Range	-40 to +105°C										
Rated Voltage Range	4 to 50V										
Rated Capacitance Range	0.1 to 100μF										
Capacitance Tolerance	±20% at 120Hz, 20°C										
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3 (µA), whichever is greater.										
	Measurement frequency : 120Hz at 20°C										
Tangent of loss angle (tan δ)	Rated voltage (V) 4	6.3	1	0	16	25	3	5	50		
	tan δ (MAX.) 0.37	0.28	0.2	24	0.20	0.16	0.	13	0.12		
	Measurement frequency : 120Hz										
O. 1377	Rated voltage (V)		4		10	16	25	35	50		
Stability at Low Temperature	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	The specifications listed at rig					30% of the initial capacitance value less than the initial specified value					
Endurance	voltage is applied for 5000 hours at 105°C. Leakage current Less than or equal to the initial specified value									•	
Shelf Life	After storing the capacitors under no load at 105° 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 silver color letter on dark brown sleeve.										

■Radial Lead Type





Type numbering system (Example : 25V 10µF)



Configuration							
φD	Pb-free leadwire Pb-free PET sleeve						
4 to 6.3	FD						

■Dimensions

	V 4 6.3		10 16		3	25		35		50					
Cap.(µF)	Code	00	3	0.	J	1/	4	10)	1E	•	1\	/	1F	1
0.1	0R1													4×5	1.0
0.22	R22		i				i							4×5	2.6
0.33	R33		 											4×5	3.2
0.47	R47													4×5	3.8
1	010		! !				! !							4×5	6.2
2.2	2R2													4×5	11
3.3	3R3		İ				İ							4×5	14
4.7	4R7									4×5	13	4×5	15	5×5	19
10	100		i				i	4×5	18	5×5	23	5×5	25	6.3×5	30
22	220	4×5	22	4×5	22	5×5	27	5×5	30	6.3×5	38	6.3×5	42		
33	330	5×5	30	5×5	30	5×5	35	6.3×5	40	6.3×5	48				
47	470	5×5	36	5×5	36	6.3×5	46	6.3×5	50				!	Case size	Rated
100	101	6.3×5	60	6.3×5	60									φD×L (mm)	ripple

Rated ripple current (mArms) at 105° C 120Hz

Frequency coefficient of rated ripple current

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

Please refer to page 20, 21, 22 about the formed or taped product spec. Please refer to page 4 for the minimum order quantity.