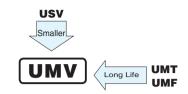


5mmL, Long Life Assurance



- ●Extended load life of 5000 hours at +105°C, with 5mm height.
- Compliant to the RoHS directive (2011/65/EU).

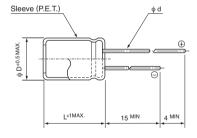


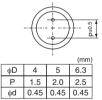


### ■Specifications

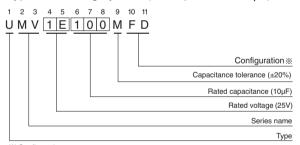
Item	Performance Characteristics										
Category Temperature Range	-40 to +105°C										
Rated Voltage Range	4 to 50V										
Rated Capacitance Range	1 to 100μF										
Capacitance Tolerance	±20% at 120Hz, 20°C										
Leakage Current	After 2 minutes' application of rated voltage at 20°C, leakage current is not more than 0.01CV or 3 (µA), whichever is greater.										
	Measurement frequency : 120Hz at 20°C									2	
Tangent of loss angle (tan δ)	Rated voltage (V) 4	6.3		0	16	25	3	_	50		
	tan δ (MAX.) 0.37	0.28	0.	24	0.20	0.16	0.1	13	0.12		
	Measurement frequency: 120Hz										
	Rated voltage (V)			6.3	10	16	25	35	50		
Stability at Low Temperature	Impodantoo ratio	C / Z+20°C	8	4	3	2	2	2	2		
	ZT / Z20 (MAX.) Z-40°0	C / Z+20°C	14	10	7	5	3	3	3		
Endurance	The specifications listed at the capacitors are restored voltage is applied for 5000 l	Capacitar tan δ Leakage	Within ±30% of the initial capacitance value 300% or less than the initial specified value 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 : $25V 10\mu F$ )



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

#### **■**Dimensions

	V	4	ļ	6.3	3	10	)	16	6	25	5	35	5	50	)
Cap.(μF)	Code	00	G	0.	J	1/	A	10		1E	Ē	1\	/	1H	1
1	010													4×5	6.2
2.2	2R2												i	4×5	11
3.3	3R3		i I										I I	4×5	14
4.7	4R7									4×5	13	4×5	15	5×5	19
10	100							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		! !		i
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								i	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.