

5mmL, Bi-Polarized



- •Bi-polarized series with 5mm height.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).

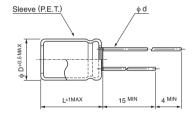


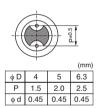


■Specifications

Item	Performance Characteristics										
Category Temperature Range	-40 to +85°C										
Rated Voltage Range	6.3 to 50V										
Rated Capacitance Range	Range 0.1 to 47μF										
Rated Capacitance Tolerance	±20% at 120Hz, 20	D°C									
Leakage Current	After 2 minutes' application of rated voltage at 20°C, leakage current is not more than 0.05CV or 10 (μA), whichever is greater.								iter.		
	Measurement frequency : 120Hz at 20°C										
Tangent of loss angle (tan δ)	Rated voltage (V)	6.3	10	0	16	25	3	5	50		
	tan δ (MAX.)	0.24	0.2	20	0.17	0.17	0.	15	0.15		
	Measurement frequency: 120Hz										
Carbilla at Laur Tananana	Rated voltage (V)			6.3	10	16	25	35	50		
Stability at Low Temperature	Impedance ratio	Z-25°C / Z-	+20°C	4	3	2	2	2	2		
	(MAX.)	Z-40°C / Z-	+20°C	8	6	4	4	3	3		
	The specifications listed at right shall be met Capacitance change Within ±20% of the initial capacitance value									anoo valuo	1
Endurance	when the capacitor	tan δ	ice change	Within ±20% of the initial capacitance value 200% or less than the initial specified value							
Endurance	the rated voltage is	Leakage current Less than or equal to the initial specified value				-					
	85°C with the polarity inverted every 250 hours.									J	
Shelf Life	After storing the capacitors under no load at 85°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.							01-4			
Marking	Printed with white color letter on black sleeve.										

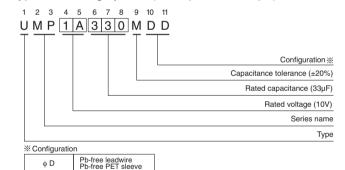
■Radial Lead Type





Type numbering system (Example : 10V 33µF)

DD



■ Dimensions

	V	6.3		10		16		25		35		50	
Cap.(µF)	Code	0J		1A		1C		1E		1V		1H	
0.1	0R1				!				!			4×5	1.0
0.22	R22				i		i					4×5	2.0
0.33	R33				i i		i		i			4×5	2.8
0.47	R47				!		1		!		-	4×5	4.0
1	010											4×5	8.4
2.2	2R2		1		i		İ		-	4×5	8.4	5×5	13
3.3	3R3				1		-	5×5	12	5×5	16	5×5	17
4.7	4R7					4×5	12	5×5	16	5×5	18	6.3×5	20
10	100			4×5	17	5×5	23	6.3×5	27	6.3×5	29		
22	220	5×5	28	6.3×5	33	6.3×5	37						-
33	330	6.3×5	37	6.3×5	41	6.3×5	49		!		-	Case size	Rated
47	470	6.3×5	45		i		i		i		-	$\phi D \times L (mm)$	ripple

4 to 6.3

Rated ripple current (mArms) at 85°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.