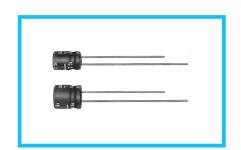


7mmL, Bi-Polarized



- Bi-polarized series with 7mm height.
- Extended capacitance range by an addition of φ8 product.
- Compliant to the RoHS directive (2011/65/EU).

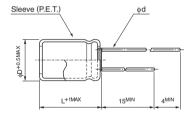




■Specifications

Item	Performance Characteristics										
Category Temperature Range	-40 to +85°C										
Rated Voltage Range	6.3 to 50V										
Rated Capacitance Range	0.1 to 220µF										
Capacitance Tolerance	±20% at 120Hz, 20°C										
Leakage Current	After 2 minutes' application of rated	voltage	at 20°0	C, leakage o	current is	not more	than	0.05CV	or 10 (μA),	whichever is gre	ater.
					Me	asuremen	t frequ	iency : 120	Hz at 20°C	2	
Tangent of loss angle (tan δ)	Rated voltage (V) 6.3	10		16	25	5	35		50		
	tan δ (MAX.) 0.24	0.24 0.20		0.16	0.1	6 0.14		0.12			
	Measurement frequency : 120 Hz										
Stability at Law Tamparatura	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		
	ZT / Z20 (MAX.) Z-40°C / Z+20°	C	8	6	4	4		3	3		
	The specifications listed at right shall be met										
Fadirace	when the capacitors are restored to 20	r —	apacitance o	Within ±20% of the initial capacitance value							
Endurance	the rated voltage is applied for 2000 h		tan δ			200% or less than the initial specified value Less than or equal to the initial specified value					
85°C with the polarity inverted every 250 hours. Leakage current Less than or equal to the initial sp								ınıtıaı speci	fied value		
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.							101-4			
Marking	Printed with white color letter on bla	ck slee	ve.								

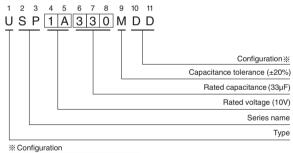
■Radial Lead Type





					(mm)
	φD	4	5	6.3	8
ĺ	Р	1.5	2.0	2.5	3.5
ĺ	φd	0.45	0.45	0.45	0.5

Type numbering system (Example : $10V 33\mu F$)



■Dimensions

V		6.3 10		16		25		35		50			
Cap.(μF)	Code	0J		1A		1C		1E		1V		1H	
0.1	0R1											4 × 7	1.0
0.22	R22				i						-	4 × 7	2.3
0.33	R33		1		1		1				1	4 × 7	3.5
0.47	R47											4 × 7	5.0
1	010				į		i				i	4 × 7	10
2.2	2R2		-		-		- 1				-	4 × 7	14
3.3	3R3									4 × 7	16	5×7	20
4.7	4R7				i	4 × 7	18	5 × 7	21	5 × 7	22	6.3 × 7	27
10	100		-	4 × 7	24	5 × 7	30	6.3 × 7	35	6.3 × 7	37	8 × 7	¦44
22	220			5 × 7	40	6.3 × 7	51	6.3 × 7	53	8 × 7	62	8 × 7	65
33	330	5 × 7	42	6.3 × 7	56	6.3 × 7	63	8 × 7	73	8 × 7	76		i
47	470	6.3 × 7	l 58	6.3 × 7	67	6.3 × 7	75	8 × 7	87		1		1
100	101	8 × 7	95	8 × 7	110	8 × 7	125		-		-	Case size	Rated
220	221	8×7	140		i		i				į	$\phi D \times L (mm)$	ripple

• 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	

Rated ripple current (mArms) at 85°C 120Hz

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Nichicon:

USP0J470MDD USP1A100MDD USP1C330MDD USP1C470MDD USP0J221MDD USP0J330MDD USP0J101MDD USP1A470MDD USP1C100MDD USP1A101MDD USP1A220MDD USP1A330MDD USP1C4R7MDD USP1E100MDD USP1H0R1MDD USP1H100MDD USP1V100MDD USP1V220MDD USP1C101MDD USP1C220MDD USP1E4R7MDD USP1H010MDD USP1HR22MDD USP1HR33MDD USP1HR47MDD USP1E220MDD USP1E330MDD USP1E470MDD USP1H3R3MDD USP1H4R7MDD USP1V4R7MDD USP1H220MDD USP1H2R2MDD USP1V3R3MDD USP1C470MCA USP1C470MDD1TP USP1J100MDD USP1J470MPD1TA USP1C220MDD1BB USP1H2R2MDD1TP