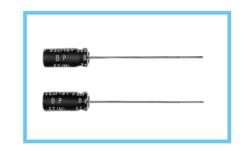
Bi-Polarized, Wide Temperature Range series





- Bi-polarized series for operations over wide temperature range of -55 ~ +105°C.
- Adapted to the RoHS directive (2002/95/EC).

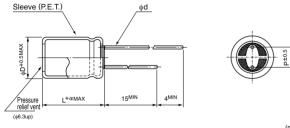




■Specifications

Item	Performance Characteristics												
Category Temperature Range	−55 ~ +105°C												
Rated Voltage Range	6.3 ~ 100V												
Rated Capacitance Range	0.47 ~ 1000µF												
Capacitance Tolerance	±20% at 120Hz, 20°C												
Leakage Current	After 5 minutes' app	After 5 minutes' application of rated voltage, leakage current is not more than 0.03CV or 3 (μA), whichever is greater.											
	Measurement frequency: 120Hz, Temperature: 20°C												
tan δ	Rated voltage (V)	6.3	10	16	2	25	35	50	6	3	100		
	tan δ (MAX.)	0.24	0.20	0.16	0.	16	0.14	0.12	0.1	10	0.09]	
	Measurement frequency: 120Hz												
Ctability at Law Tagas and an	Rated voltage (V)			6.3	10	16	25	35	50	63	100]	
Stability at Low Temperature	Impedance ratio Z-25°C / Z+20°C			4	3	2	2	2	2	2	2		
	ZT / Z20 (MAX.)	Z-40°C	/ Z+20°C	8	6	4	4	3	3	3	3		
	After 1000 hours' application of rated voltage at 105°C with the polarity inverted every 250 hours, capacitors meet the							acitance	change	Within ±20% of initial value			
Endurance								δ		200% or less of initial specified value			
	characteristic requirement listed at right. Leakage current Initial specified value or less										d value or less		
Shelf Life	After storing the capacitors under no load at 105°C for 1000 hours, and after performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20°C, they will meet the specified value for endurance characteristics listed above.									t based on JIS C 5101-4			
Marking	Printed with white color letter on black sleeve.												

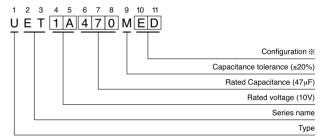
■Radial Lead Type



								(111111)
α	(L < 20) 1.5	φD	5	6.3	8	10	12.5	16
	(L ≥ 20) 2.0	Р	2.0	2.5	3.5	5.0	5.0	7.5
		φd	0.5	0.5	0.6	0.6	0.6	0.8

• Please refer to page 21 about the end seal configulation.

Type numbering system (Example : $10V 47\mu F$)



※ Configuration

A. Comigaration							
φD	Pb-free leadwire Pb-free PET sleeve						
5	DD						
6.3	ED						
8 · 10	PD						
12.5 · 16	HD						

■ Dimensions

_						1						1					
	V	6.3		10		16		25		35		50		63		100	
Cap. (µF)	Code	0J		1A		1C		1E		1V		1H		1J		2A	
0.47	R47											5×11	8			5×11	10
1	010											5×11	12			5×11	15
2.2	2R2											5×11	18			6.3×11	22
3.3	3R3											5×11	22	6.3×11	26	8×11.5	32
4.7	4R7							5×11	23	5×11	25	6.3×11	29	6.3×11	31	8×11.5	39
10	100					5×11	30	5×11	34	6.3×11	40	8×11.5	51	8×11.5	53	10×12.5	64
22	220			5×11	42	6.3×11	51	6.3×11	55	8×11.5	68	10×12.5	82	10×16	96	10×20	114
33	330	5×11	46	6.3×11	57	6.3×11	63	8×11.5	79	10×12.5	89	10×16	107	10×20	129	12.5×20	164
47	470	6.3×11	61	6.3×11	67	8×11.5	89	10×12.5	100	10×12.5	111	10×20	146	10×20	157	12.5×25	200
100	101	8×11.5	104	10×12.5	125	10×12.5	139	10×16	164	10×20	196	12.5×25	264	12.5×25	275	16×25	304
220	221	10×12.5	168	10×16	204	10×20	279	12.5×25	336	12.5×25	364	16×25	443	16×31.5	486		
330	331	10×16	229	10×20	275	12.5×20	346	12.5×25	414	16×25	493	16×31.5	593				
470	471	10×20	300	12.5×20	371	12.5×25	460	16×25	543	16×25	586					Case size	Rated
1000	102	12.5×25	550	16×25	668	16×25	746	16×31.5	871								

Rated Ripple (mArms) at 105°C 120Hz

• Frequency coefficient of rated ripple current

Cap.(µF) Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz ~
~ 47	0.75	1.00	1.35	1.57	2.00
100 ~ 470	0.80	1.00	1.23	1.34	1.50
1000	0.85	1.00	1.10	1.13	1.15

Please refer to page 21, 22, 23 about the formed or taped product spec. Please refer to page 3 for the minimum order quantity.

Mouser Electronics

Authorized Distributor

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

Nichicon:

UET0J331MPD UET1620MED UET16221MHD UET0J102MHD UET0J221MPD UET0J330MDD UET16470MED

UET1A471MHD UET0J101MPD UET0J101MPD1TA UET0J101MPH1TA UET1A221MPD UET1A330MED

UET1A331MPD UET1C331MHD UET1C470MPD UET1C471MHD UET1A101MPD UET1A102MHD

UET1A220MDD UET1C220MED UET1C220MEH1TD UET1C221MPD UET1A330MED UET1E330MPD

UET1B331MHD UET16470MPD UET1H220MPD UET1H221MHD UET1C330MED UET1E330MPD

UET1J221MHD UET1J330MPD UET1J3R3MED UET1V470MPD UET1V471MHD UET1V4R7MDD UET2A4R7MPD

UET2A4R7MPH UET2A4R7MPH1TA UET2AR47MDD UET1E100MDD UET1E101MPD UET1H100MPD

UET1H100MPH UET1H101MHD UET1J100MPD UET1J101MHD UET1V221MHD UET1V330MPD UET1V331MHD

UET1E471MHD UET1E4R7MDD UET1H010MDD UET1H470MPD UET1H4R7MED UET1HR47MDD

UET1V100MED UET1V101MPD UET1H3R3MDD UET1J470MPD UET1J4R7MED UET2A2R2MED

UET1H330MPD UET1H331MHD UET1H3R3MDD UET1J470MPD UET1J4R7MED UET2A010MDD

UET2A4R7MPD UET2A2R2MEH1TD UET2A330MHD UET2A3R3MPD UET2A4470MHD