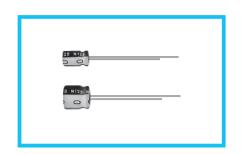
UST

7mmL, Wide Temperature Range



- Wide temperature range of -55 to +105°C, with 7mm height.
- Compliant to the RoHS directive (2011/65/EU,(EU)2015/863).

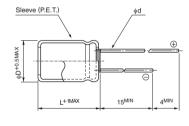




■Specifications

Item	Performance Characteristics											
Category Temperature Range	−55 to +105°C											
Rated Voltage Range	6.3 to 50V											
Rated Capacitance Range	1 to 220μF											
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											
Tangent of loss angle (tan δ)	Rated voltage (V)	6.3	-	0	16		25		35		50	
	tan δ (MAX.)	0.24	0.	21	0.18		0.15		0.13		0.12	
	Measurement frequency: 120 Hz											
Stability at Low Temperature	Rated voltage (V)		6.3	1	0	16	25		35	50	<u>]</u>	
	Impedance ratio	Z-25°C / Z+20°C		3	2		2	2	2 2		2	
	(MAX.)	Z-40°C / Z+	-20°C	6	5	5	4	3		3	3	
Endurance	The specifications listed at right shall be met when the capacitors are restored to 20°C after the rated voltage is applied for 1000 hours at 105°C.											acitance value (25Vor more) al 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 white color letter on black sleeve.											

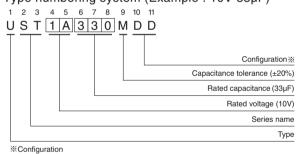
■Radial Lead Type





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

Type numbering system (Example : 10V 33µF)



 Configuration

 φ D
 Pb-free leadwire Pb-free PET sleeve

 4 to 8
 DD

■Dimensions

	V	6.3		10		16		25		35		50	
Cap.(µF)	Code	0J		1A		1C		1E		1V		1H	
1	010								l		l	4×7	10
2.2	2R2		i		i		i		i I		i I	4×7	19
3.3	3R3		 		l I		 		 		 	4×7	24
4.7	4R7								 	4×7	24	5×7	29
10	100		i I		i	4×7	29	5×7	33	5×7	36	6.3 × 7	44
22	220	4×7	34	5×7	38	5×7	44	6.3 × 7	51	6.3 × 7	57	8×7	65
33	330	5×7	42	5×7	47	6.3 × 7	57	6.3 × 7	63	8×7	72		
47	470	5×7	50	6.3 × 7	59	6.3 × 7	68	8 × 7	78		i I		
100	101	6.3 × 7	77	8×7	96	8 × 7	107		!		!	Case size	Rated
220	221	8 × 7	130	8×7	140		İ		İ		İ	$\phi D \times L (mm)$	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 105°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.