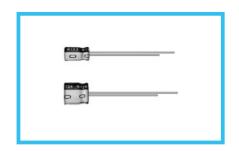
7mmL, Low Impedance



- Low impedance over wide temperature range of -55 to +105°C, with 7mm height.
- Compliant to the RoHS directive (2002/95/EC).

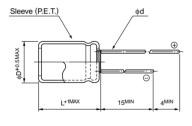




■Specifications

Item	Performance Characteristics									
Category Temperature Range	−55 to +105°C									
Rated Voltage Range	6.3 to 35V									
Rated Capacitance Range	6.8 to 220µF									
Capacitance Tolerance	±20% at 120Hz, 20°C									
Leakage Current	After 2 minutes' application of rated voltage, leakage current is not more than 0.01CV or 3 (μA), whichever is greater.									
	Measurement frequency: 120Hz, Temperature: 20°C									
Tangent of loss angle (tan δ)	Rated voltage (V) 6.3		10	16	2	5	35			
	tan δ (MAX.) 0.18	0.18		0.14	0.14 0.1		0.12			
	Measurement frequency: 120Hz									
	Rated voltage (V)		6.3	10	16	25	35			
Stability at Low Temperature	Impedance ratio Z-25°C / Z-	Z-25°C / Z+20°C		2	2	2	2			
	ZT / Z20 (MAX.) Z-55°C / Z-	-20°C	3	3	3	3	3			
	Out the state of t									
Fadurana	The specifications listed at right	tan δ	Capacitance change		Within ±20% of the initial capacitance value 200% or less than the initial specified value					
Endurance	the capacitors are restored to 20		Leakage current		Less than or equal to the initial specified value					
	voltage is applied for 1000 hours at 105°C. Leakage current 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. Printed with white color letter on dark brown sleeve.							based on JIS C 5101-4		
Marking										

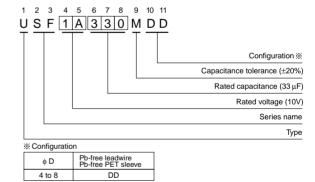
■Radial Lead Type





				(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 : $10V 33\mu F$)



Dimensions

	V 6.3 10 16			25			35									
Cap.(μF)	Code 0J 1A 1C			1E		1V										
6.8	6R8		1			I								4×7	3.3	70
10	100		İ			l I					4×7	3.3	70	5×7	1.7	110
15	150					l		4×7	3.3	70	5×7	1.7	110	6.3×7	0.8	160
22	220		İ		4×7	3.3	70	5×7	1.7	110	5×7	1.7	110	6.3×7	0.8	160
33	330	5×7	1.7	110	5×7	1.7	110	6.3×7	0.8	160	6.3×7	0.8	160	8×7	0.5	200
47	470	5×7	1.7	110	6.3×7	8.0	160	6.3×7	0.8	160	8×7	0.5	200			l I
68	680	6.3×7	0.8	160	6.3×7	0.8	160	8×7	0.5	200	8×7	0.5	200			! !
100	101	6.3×7	0.8	160	8×7	0.5	200	8×7	0.5	200						<u> </u>
150	151	8×7	0.5	200	8×7	0.5	200							Case size	Impe-	Rated
220	221	8×7	0.5	200										$\phi D \times L (mm)$	dance	ripple

Max. Impedance (Ω) at 20°C 100kHz Rated ripple current (mArms) at 105°C 100kHz

• Frequency coefficient of rated ripple current

Traduction committee representation									
Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz or more				
Coefficient	0.35	0.50	0.64	0.83	1.00				

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