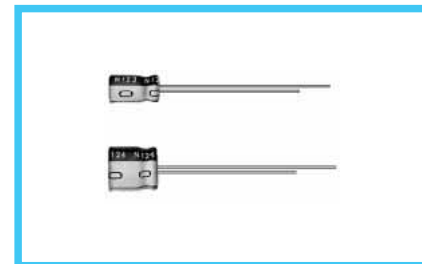


SF 7mmL, Low Impedance
series



- Low impedance over wide temperature range of $-55 \sim +105^{\circ}\text{C}$, with 7mm height.

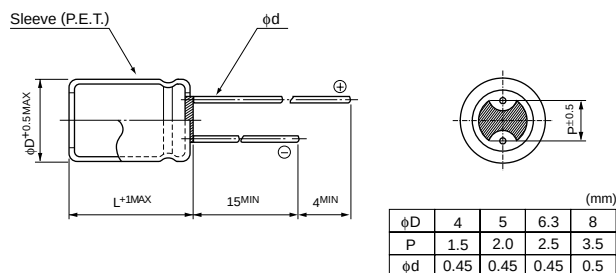
SF Low Impedance **ST**



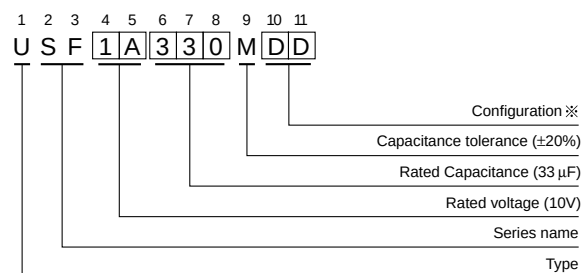
Specifications

Item	Performance Characteristics						
Category Temperature Range	-55 ~ +105°C						
Rated Voltage Range	6.3 ~ 35V						
Rated Capacitance Range	6.8 ~ 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.						
tan δ	Measurement frequency : 120Hz, Temperature : 20°C						
	Rated voltage (V)	6.3	10	16	25	35	
	tan δ (MAX.)	0.18	0.16	0.14	0.12	0.12	
Stability at Low Temperature	Measurement frequency : 120Hz						
	Rated voltage (V)		6.3	10	16	25	35
	Impedance ratio	Z-25°C / Z+20°C	2	2	2	2	2
	ZT / Z20 (MAX.)	Z-55°C / Z+20°C	3	3	3	3	3
Endurance	After 1000 hours' application of rated voltage at 105°C, capacitors meet the characteristic requirements listed at right.			Capacitance change		Within ±20% of initial value	
				tan δ		200% or less of initial specified value	
				Leakage current		Initial specified value or less	
Shelf Life	After leaving capacitors under no load at 105°C for 1000 hours, they meet the specified value for endurance characteristics listed above.						
Marking	Printed with white color letter on dark brown sleeve.						

Radial Lead Type



Type numbering system (Example : 10V 33 μF)



※ Configuration

ϕD	Pb-free leadwire Pb-free PET sleeve	Sn-Pb finished leadwire PVC sleeve (containing Pb)
4 ~ 6.3	DD	DH
8	DD	CH

※ Please contact to us if other configurations are required.

Dimensions

		$\phi D \times L$ (mm)											
V	Code	6.3			10			16			25		
Cap. (μF)		0J			1A			1C			1E		
6.8	6R8												
10	100												
15	150												
22	220												
33	330	5 × 7	1.7	110	5 × 7	1.7	110	6.3 × 7	0.8	160	6.3 × 7	0.8	160
47	470	5 × 7	1.7	110	6.3 × 7	0.8	160	6.3 × 7	0.8	160	8 × 7	0.5	200
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			
150	151	8 × 7	0.5	200	8 × 7	0.5	200						
220	221	8 × 7	0.5	200									

Max. Impedance (Ω) at 20°C 100kHz
Rated Ripple (mA rms) at 105°C 100kHz

Frequency coefficient of rated ripple current

Frequency	50 Hz	120 Hz	300 Hz	1 kHz	10 kHz ~
Coefficient	0.35	0.50	0.64	0.83	1.00

Please refer to page 19, 20, 21 about the formed or taped product spec.
Please refer to page 3 for the minimum order quantity.

CAT.8100T