

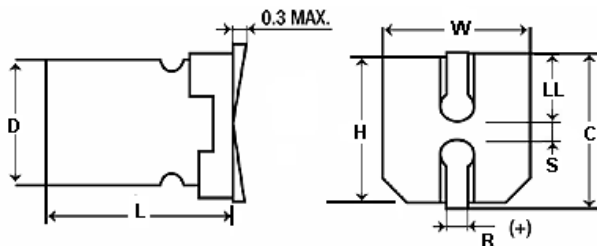
### FEATURES

Small Size – Long Life – Low Impedance

### APPLICATIONS

Filtering – Bypass/ Coupling – De-Coupling

<b>Operating Temperature Range</b>		<b>-55°C to +105°C</b>						
<b>Capacitance Tolerance</b>		<b>+20% at 120 Hz, 20°C</b>						
<b>Surge Voltage</b>	<b>WVDC</b>	<b>6.3</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>35</b>	<b>50</b>	
	<b>SVDC</b>	7.9	13	20	32	44	63	
<b>Dissipation Factor</b>	<b>WVDC</b>	<b>6.3</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>35</b>	<b>50</b>	
	<b>D≤6.3mm</b>	.26	.2	.16	.14	.12	.12	
	<b>D≥8mm</b>	.28	.24	.2	.16	.14	.14	
<b>Leakage Current</b>		<b>2 Minutes</b>						
		<b>.01CV or 3uA, Whichever is greater</b>						
<b>Low Temperature Stability Impedance Ratio (120 Hz)</b>	<b>Rated WVDC</b>	<b>6.3</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>35</b>	<b>50</b>	
	<b>-25°C to +20°C</b>	3	2	2	2	2	2	
	<b>-40°C to +20°C</b>	5	4	4	3	3	3	
<b>Load Life</b>		<b>5000 hours (2000 hours for D=4,5,6.3mm) at 105°C with rated WVDC</b>						
		<b>Capacitance Change</b>	≤30% of initial measured value					
		<b>Dissipation Factor</b>	≤300% of maximum specified value					
		<b>Leakage Current</b>	≤100% of maximum specified value					
<b>Shelf Life</b>		<b>1000 hours at 85°C with no voltage applied</b>						
		<b>Capacitance Change</b>	≤30% of initial measured value					
		<b>Dissipation Factor</b>	≤300% of maximum specified value					
		<b>Leakage Current</b>	≤100% of maximum specified value					
<b>Resistance to Soldering Heat</b>		<b>Capacitors placed on a 250°C hot plate for 30 seconds with their electrode terminations facing downward will fulfill the following conditions after being cooled to room temperature</b>						
		<b>Capacitance Change</b>	≤10% of initial measured value					
		<b>Dissipation Factor</b>	≤100% of maximum specified value					
		<b>Leakage Current</b>	≤100% of maximum specified value					
<b>Ripple Current Multipliers</b>		<b>Frequency (Hz)</b>						
		50	120	300	1k	100k		
		.35	.5	.64	0.83	1.0		



D	L	W±0.2	H±0.2	C±0.2	R	LL±0.2	S±0.2
4	5.4 +0.1/-0.2	4.3	4.3	5.0	0.5-0.8	1.8	1.0
5	5.4 +0.1/-0.2	5.3	5.3	6.0	0.5-0.8	2.1	1.3
6.3	5.4 +0.1/-0.2	6.6	6.6	7.3	0.5-0.8	2.4	2.2
6.3	7.7 +0.1/-0.2	6.6	6.6	7.3	0.5-0.8	2.4	2.2
8	10.2+0.1/-0.2	8.3	8.3	9.0	0.7-1.0	2.9	3.1
10	10.2+0.1/-0.2	10.3	10.3	11.0	0.7-1.0	3.2	4.5

