

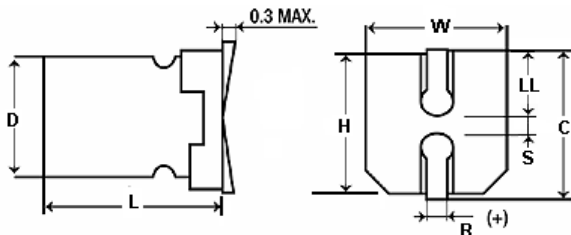
### FEATURES

Small size - High Temperature - Lead Free Leads

### APPLICATIONS

Bypass - Coupling - Filtering - De-coupling

<b>Operating Temperature Range</b>		<b>-40°C to +125°C</b>				
<b>Capacitance Tolerance</b>		<b>+20% at 120 Hz, 20°C</b>				
<b>Surge voltage</b>	<b>WVDC</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>35</b>	<b>50</b>
	<b>SVDC</b>	13	20	32	44	63
<b>Dissipation Factor</b>	<b>WVDC</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>35</b>	<b>50</b>
	<b>tan δ</b>	.30	.24	.2	.17	.14
<b>Leakage current</b>		<b>2 Minutes</b>				
		.01CV or 3uA, Whichever is greater				
<b>Low temperature stability Impedance ratio (120 Hz)</b>	<b>Rated WVDC</b>	<b>10</b>	<b>16</b>	<b>25</b>	<b>35</b>	<b>50</b>
	<b>-25°C to +20°C</b>	6	5	4	3	3
	<b>-40°C to +20°C</b>	12	8	6	4	4
<b>Load Life</b>		<b>1000 hours (1500 hours for 8, 10mm) at 125°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 125°C with no voltage applied (Rated WVDC applied for 30 minutes prior to measuring)</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>				
		<b>50</b>	<b>120</b>	<b>300</b>	<b>1k</b>	<b>10k</b>
		.85	1	1.17	1.36	1.5



D+0.5	L	W+0.2	H+0.2	C+0.2	R	LL+0.2	S+0.2
6.3	7.7 +/-0.3	6.6	6.6	7.3	0.5~0.8	2.4	2.2
8	10.5 +/-0.5	8.3	8.3	9	0.8~1.1	2.9	3.1
10	10.5 +/-0.5	1.03	10.3	11	0.8~1.1	3.2	4.5

