

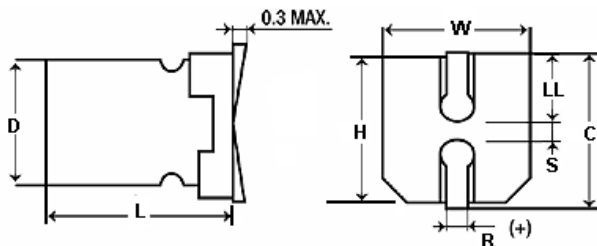
FEATURES

Small Size – Long Life – Low Impedance

APPLICATIONS

Filtering – Bypass/ Coupling – De-Coupling

Operating Temperature Range		-55°C to +105°C					
Capacitance Tolerance		+20% at 120 Hz, 20°C					
Surge Voltage	WVDC	6.3	10	16	25	35	50
	SVDC	7.9	13	20	32	44	63
Dissipation Factor	WVDC	6.3	10	16	25	35	50
	D≤6.3mm	.26	.2	.16	.14	.12	.12
	D≥8mm	.28	.24	.2	.16	.14	.14
Leakage Current		2 Minutes					
		.01CV or 3uA, Whichever is greater					
Low Temperature Stability Impedance Ratio (120 Hz)	Rated WVDC	6.3	10	16	25	35	50
	-25°C to +20°C	3	2	2	2	2	2
	-40°C to +20°C	5	4	4	3	3	3
Load Life	5000 hours (2000 hours for D=4,5,6.3mm) at 105°C with rated WVDC						
	Capacitance Change	≤30% of initial measured value					
	Dissipation Factor	≤300% of maximum specified value					
	Leakage Current	≤100% of maximum specified value					
Shelf Life	1000 hours at 85°C with no voltage applied						
	Capacitance Change	≤30% of initial measured value					
	Dissipation Factor	≤300% of maximum specified value					
	Leakage Current	≤100% of maximum specified value					
Resistance to Soldering Heat	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						
	Capacitance Change	≤10% of initial measured value					
	Dissipation Factor	≤100% of maximum specified value					
	Leakage Current	≤100% of maximum specified value					
Ripple Current Multipliers	Frequency (Hz)						
	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

