

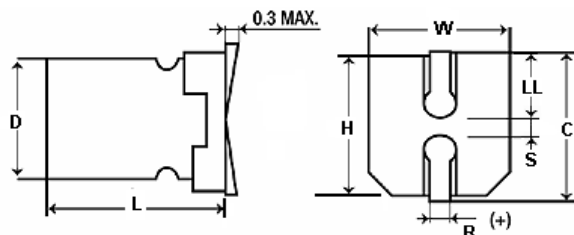
FEATURES

Small size - High Temperature - Lead Free Leads

APPLICATIONS

Bypass - Coupling - Filtering - De-coupling

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cornell Dubilier:

[106UVK050MEW](#) [107UVK016MEL](#) [107UVK035MFE](#) [107UVK050MGE](#) [226UVK035MEW](#) [226UVK050MEL](#)
[227UVK025MFE](#) [227UVK035MGE](#) [336UVK050MEL](#) [336UVK050MFE](#) [337UVK010MFE](#) [337UVK025MGE](#)
[476UVK035MEL](#) [476UVK050MFE](#) [476UVK050MGE](#) [477UVK010MGE](#) [686UVK010MEW](#)