



FEATURES

Multiple case sizes - High Ripple Current

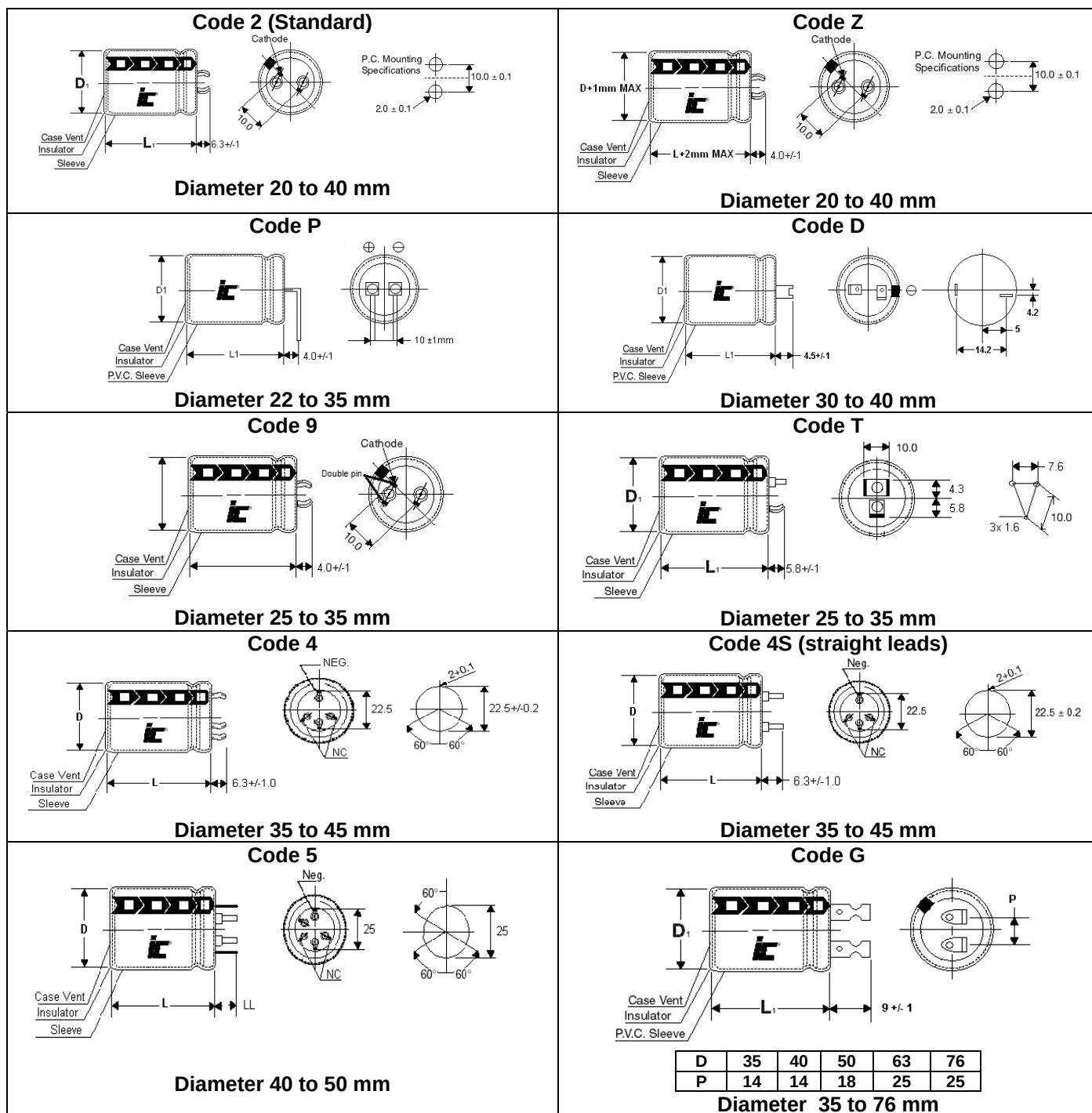
APPLICATIONS

Power supplies – Bulk Filtering

Operating Temperature Range		-40°C to +105°C															
Capacitance Tolerance		+20% at 120 Hz, 20°C															
Surge voltage	WVDC	10	16	25	35	50	63	80	100	160	200	250	350	400	450	500	
	SVDC	13	20	32	44	63	79	100	125	200	250	300	400	450	500	550	
Dissipation Factor	WVDC	10	16	25	35	50	63	80	100	160	200	250	350	400	450	500	
	Tan δ	.5	.4	.3	.25	.2	.15	.15	.15	.1	.1	.1	.15	.15	.15	.15	
Leakage current		5 Minutes															
		.02CV or 2000uA,Whichever is greater															
Low temperature stability Impedance ratio (120 Hz)	WVDC	10	16	25	35	50	63	80	100	160	200	250	350	400	450	500	
	-25°C to +20°C	4	4	3	3	3	3	3	3	3	3	3	8	8	8	8	
	-40°C to +20°C	12	12	6	6	6	6	6	6	8	8	8	-	-	-	-	
Load Life		2000 hours at 105°C with rated WVDC and ripple current applied															
		Capacitance change		≤20% of initial measured value													
		Dissipation factor		≤150% of maximum specified value													
		Leakage current		≤100% of maximum specified value													
Shelf Life		500 hours at 85°C with no voltage applied															
		Capacitance change		<20% of initial measured value													
		Dissipation factor		<200% of maximum specified value													
		Leakage current		≤100% of maximum specified value													
Ripple Current Multipliers		Frequency (Hz)								Temperature (°C)							
		WVDC		50	120	300	1k	10k	+85	+70	+60	45					
		≤ 100V		.8	1.0	1.1	1.2	1.2	1	1.2	1.4	1.8					
		> 160V		.8	1.0	1.1	1.3	1.4	1	1.2	1.4	1.8					



Lead style options



LMU

Aluminum Electrolytic Capacitors

105°C Snap-Mount



ic ILLINOIS CAPACITOR

Your Global Source for World-Class Capacitors

© 2013 Illinois Capacitor, Inc.

North America
Tel: 847.675.1760
sales@illcap.com

Asia
Tel: 852.2793 0931
sales@illcap.com.hk

