

LMH

+105°C Long Life Snap mount Aluminum Electrolytic Capacitors



Features

- Standard case sizes
- Multiple case sizes
- Lead free leads
- High ripple current

Applications

- Bypass
- Coupling
- Filtering
- De-coupling

Specifications

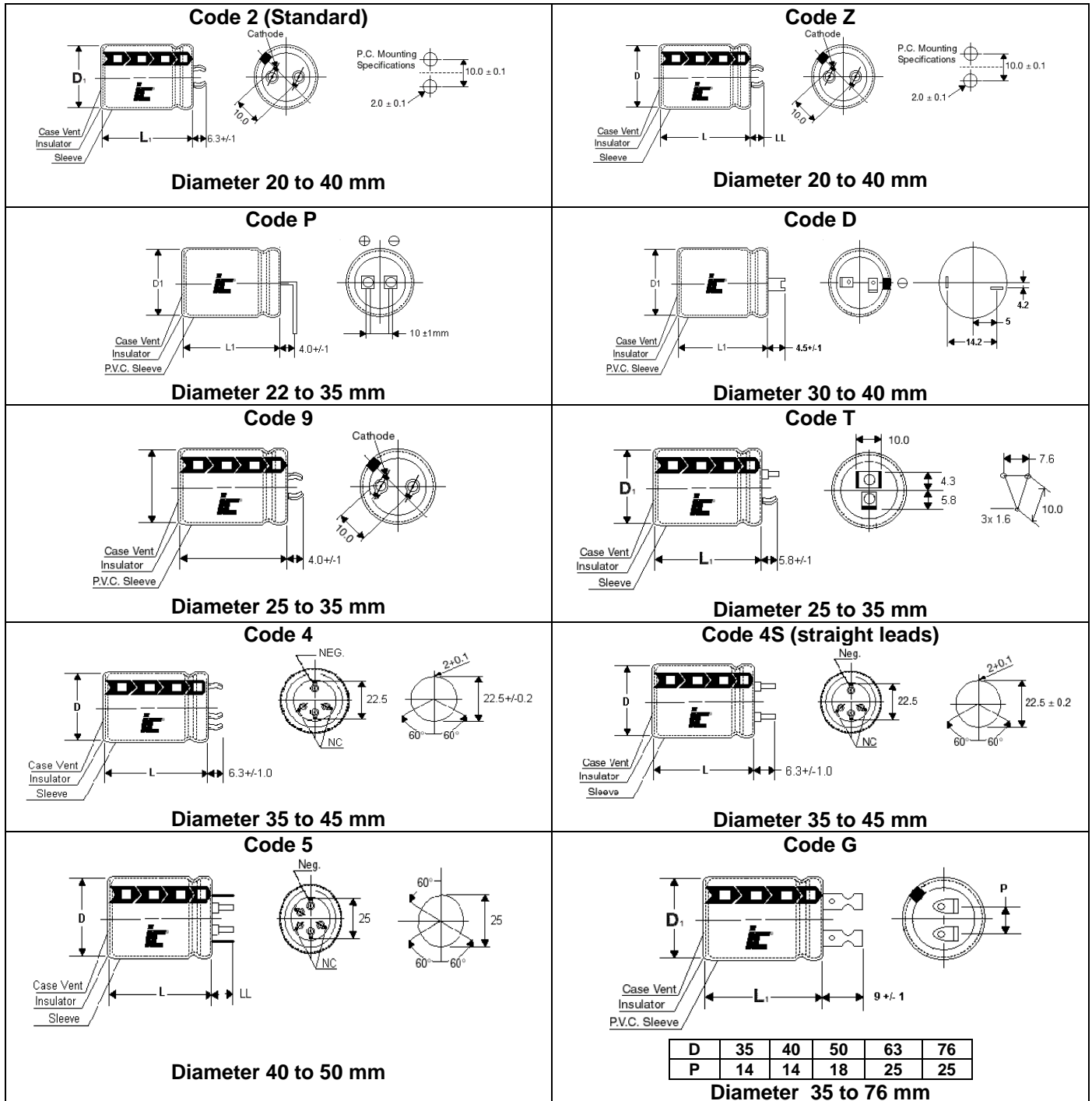
Operating Temperature Range		-40°C to +105°C									
Capacitance Tolerance		+20% at 120 Hz, 20°C									
Surge voltage	WVDC	160	200	250	350	400	450				
	SVDC	200	250	300	400	450	500				
Dissipation Factor	WVDC	160	200	250	350	400	450				
	Tan δ	.15	.15	.15	.15	.15	.15				
Leakage current		5 Minutes									
		.02CV or 3000uA, Whichever is greater									
Low temperature stability Impedance ratio (120 Hz)	WVDC	160	200	250	350	400	450				
	-25°C to +20°C	4	4	4	6	6	6				
Load Life		2000 hours at 105°C with rated WVDC and ripple current applied									
		Capacitance change <20% of initial measured value									
		Dissipation factor ≤175% of maximum specified value									
		Leakage current ≤100% of maximum specified value									
Shelf Life		1000 hours at 85°C with no voltage applied									
		Capacitance change <20% of initial measured value									
		Dissipation factor ≤175% of maximum specified value									
		Leakage current ≤100% of maximum specified value									
Ripple Current Multipliers		Frequency (Hz)					Temperature (°C)				
		60	120	400	1k	10k	+105	+85	+70	+60	+45
		.8	1.0	1.1	1.3	1.4	1	1.8	2	2.2	2.5



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105°C snap-mount
aluminum electrolytic capacitors

Lead style options



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+105°C, Long Life 2000 hrs

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
1200	200	128LMH200M2CH	207.23	2.54	25x50
1200	200	128LMH200M2DE	207.23	2.42	30x35
1200	200	128LMH200M2ED	207.23	2.49	35x30
1200	250	128LMH250M2DG	207.23	2.35	30x45
1200	250	128LMH250M2EE	207.23	2.32	35x35
1500	160	158LMH160M2CG	165.79	2.42	25x45
1500	160	158LMH160M2DE	165.79	2.41	30x35
1500	200	158LMH200M2CH	165.79	2.53	25x50
1500	200	158LMH200M2DF	165.79	2.55	30x40
1500	200	158LMH200M2ED	165.79	2.49	35x30
1500	200	158LMH200M2ED	165.79	2.49	35x30
1500	250	158LMH250M2EG	165.79	2.56	35x45

Capacitance (µF)	WVDC	IC PART NUMBER	Maximum ESR (mΩ) 120 Hz, +20°C	Maximum RMS Ripple Current (A) 120 Hz, +105°C	Dims DxL (mm)
1800	160	188LMH160M2CH	138.16	2.56	25x50
1800	160	188LMH160M2DF	138.16	2.58	30x40
1800	160	188LMH160M2ED	138.16	2.52	35x30
1800	200	188LMH200M2DG	138.16	2.71	30x45
1800	200	188LMH200M2EF	138.16	2.82	35x40
1800	250	188LMH250M2EH	138.16	2.71	35x50
2200	160	228LMH160M2DG	113.06	2.89	30x45
2200	160	228LMH160M2EE	113.06	2.85	35x35
2200	200	228LMH200M2EG	113.06	3.16	35x45
2700	160	278LMH160M2DH	92.1	3.13	30x50
2700	160	278LMH160M2EF	92.1	3.11	35x40
3300	160	338LMH160M2EH	75.358	3.77	35x50