



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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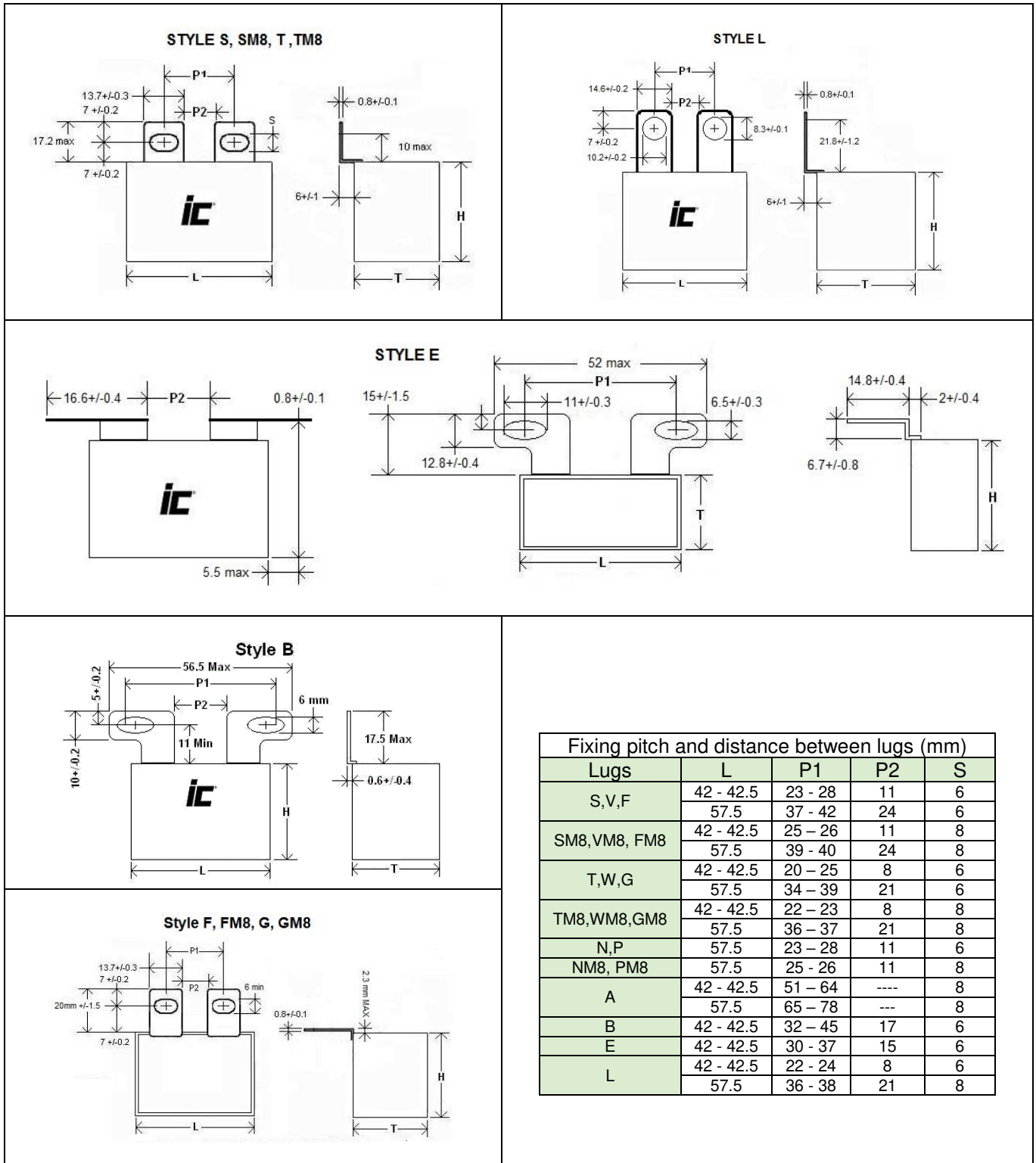
FEATURES

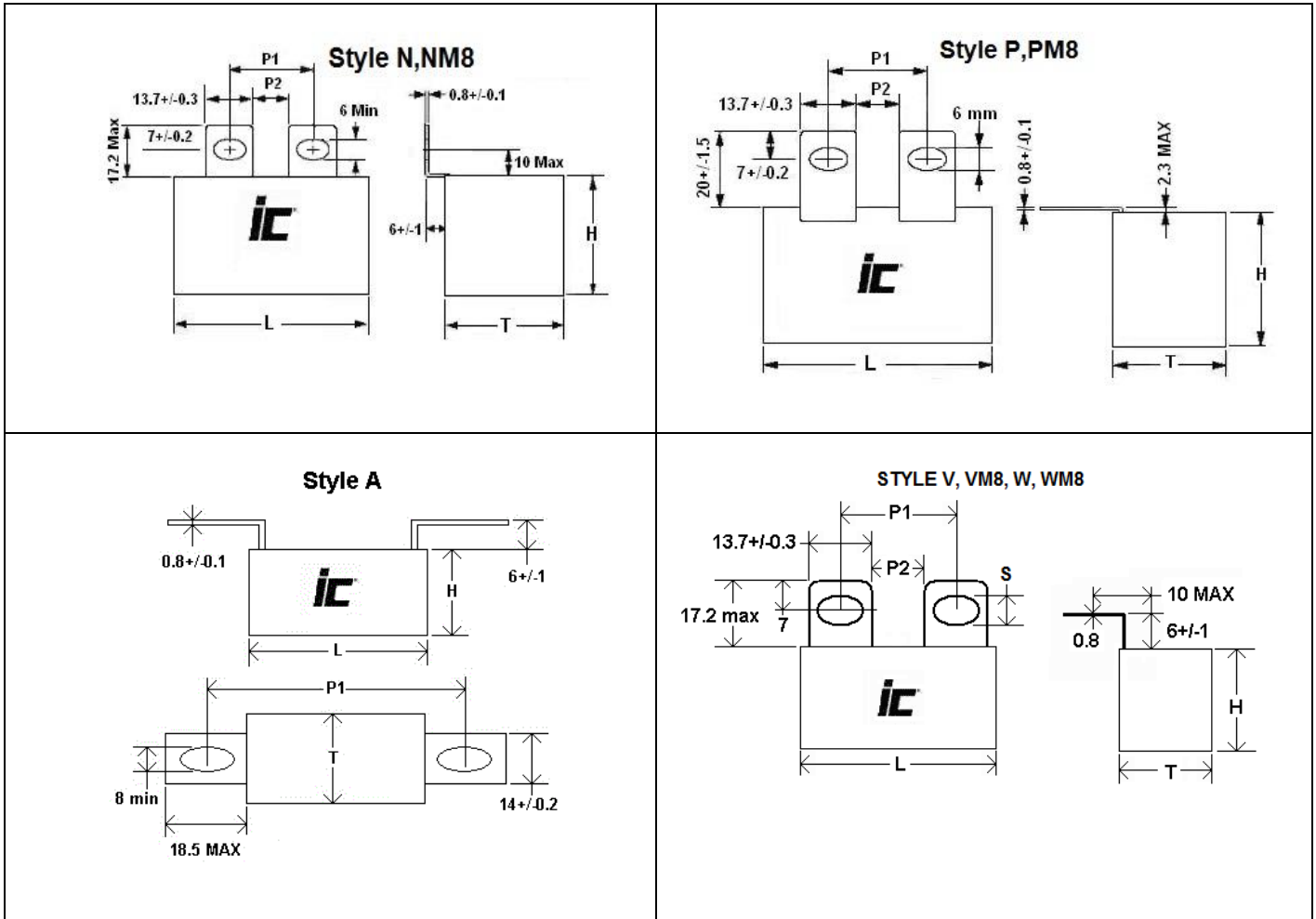
High Current - High dvdt - Multiple Lug Styles

APPLICATIONS

Power Semiconductor Module Protection -
Resonant circuit - Switching power supplies

Operating Temperature Range	-40°C to +100°C					
Capacitance Tolerance	±10% at 1 kHz, 25°C +5% optional					
Non-Recurrent SVDC	WVDC	250	330	400	600	700
	VAC	400	500	600	800	1000
AC voltage (50/60 Hz)	WVDC	250	330	400	600	700
	VAC	160	220	275	350	400
For T>+85°C, The voltage (DC/AC) must be decreased by (1.5/2.5)% per °C						
Dissipation Factor (MAX) 25°C	Frequency (kHz)	C≤5uF		5<C≤25uF		C>25uF
	1	0.05%		0.08%		0.1%
Insulation Resistance @25°C (<70% RH) for 1 minute at 100VDC applied	Insulation Resistance					
	3000 MΩxuF (not to exceed 30GΩ)					
Self Inductance	<1 nano-Henry per mm of lead spacing					
Capacitance Drift Factor	<0.5% after 2 years at 40°C					
Life Expectancy	100000 Hours @WVDC 30000 Hours @ VAC					
	Capacitance Change	<3% of initially measured value				
Failure quota	300/ Billion component hours					
Damp Heat test	56 days at 40°C with 90 to 95%RH, +40°C and no voltage applied					
	Capacitance Change	≤2% of initially measured value				
	Dissipation Factor	<0.001 at 1kHz and 25°C				
	Insulation Resistance	≥50% of maximum specified value				
Self Inductance	<1 nano-Henry per mm of lead spacing					
Capacitance Drift Factor	<0.5% after 2 years at 40°C					
Capacitance Temperature Coefficient	-200 ppm/°C, ±100ppm/°C					
Dielectric Strength	Terminal to Terminal			Terminal to case		
	160% of rated VDC or 150% VAC applied for 2 Seconds and 25°C			3kVAC @ 50/60 Hz applied between terminals and case for 60 seconds at 25°C		
Dielectric	Polypropylene					
Construction	Metallized film					
Coating	Flame Retardant plastic box with epoxy resin (UL94V-0)					
Leads	Lead free tinned copper leads					





PMC

Metallized Polypropylene,
Power Semiconductor direct
mount Snubber Lug terminals

Capacitance (μF)	WVDC	IC PART NUMBER	dv/dt (v/μ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)
1.5	700	155PMC700K#P2	70	14.5	4.8	42.5x27.5x24.5
2	700	205PMC700K#P2	70	16.5	4	42.5x27.5x24.5
2.5	600	255PMC600K#P2	55	16	4	42.5x27.5x24.5
2.5	700	255PMC700K#P1	70	19.5	3.4	42.5x35.5x33.5
3	600	305PMC600K#P2	55	17	3.6	42.5x27.5x24.5
3	700	305PMC700K#P1	70	21.5	3.1	42.5x35.5x33.5
3.3	600	335PMC600K#	55	17	3.3	42.5x27.5x24.5
3.3	700	335PMC700K#	70	22	2.9	42.5x35.5x33.5
4	400	405PMC400K#P2	40	16.5	3.4	42.5x27.5x24.5
4	600	405PMC600K#P1	55	21.5	2.8	42.5x35.5x33.5
4	700	405PMC700K#P0	70	26	2.6	42.5x45x33
4.7	600	475PMC600K#	55	24	2.4	42.5x35.5x33.5
4.7	700	475PMC700K#	70	27	2.2	42.5x45x33
5	400	505PMC400K#P2	40	18.5	2.9	42.5x27.5x24.5
5	600	505PMC600K#P1	55	24	2.5	42.5x35.5x33.5
5	700	505PMC700K#P0	70	29	2.3	42.5x45x33
6.8	330	685PMC330K#	30	18.5	2.8	42.5x27.5x24.5
6.8	400	685PMC400K#P1	40	23	2.5	42.5x35.5x33.5
6.8	600	685PMC600K#P0	55	28.5	2.2	42.5x45x33
6.8	700	685PMC700K#	40	22.5	3.8	57.5x45x30
8	700	805PMC700K#	40	25.5	3.5	57.5x50x35
9	600	905PMC600K#P0	55	31.5	1.9	42.5x45x33
9	700	905PMC700K#	40	27	3.2	57.5x50x35
10	250	106PMC250K#P2	25	18	2.7	42.5x27.5x24.5
10	400	106PMC400K#P1	40	26.5	2.1	42.5x35.5x33.5

Capacitance (μF)	WVDC	IC PART NUMBER	dv/dt (v/μ sec.)	Maximum RMS Ripple Current (A) 100 kHz, +70°C	Typical ESR (mΩ) 100 kHz, +25°C	Dims LxHxT (mm)
10	600	106PMC600K#	30	23.5	3.5	57.5x45x30
12.5	400	126PMC400K#P0	40	29.5	2	42.5x45x33
12.5	600	126PMC600K#	30	26	3.2	57.5x50x35
15	250	156PMC250K#P1	25	23.5	2.3	42.5x35.5x33.5
15	330	156PMC330K#	30	26.5	2	42.5x35.5x33.5
15	400	156PMC400K#P0	40	31.5	1.9	42.5x45x33
15	600	156PMC600K#	30	28.5	2.9	57.5x50x35
20	250	206PMC250K#P1	25	27	2	42.5x35.5x33.5
20	330	206PMC330K#	30	29.5	1.8	42.5x45x33
20	400	206PMC400K#	20	26.5	2.9	57.5x45x30
22	250	226PMC250K#	25	27.5	1.8	42.5x35.5x33.5
22	330	226PMC330K#	30	30.5	1.7	42.5x45x33
22	400	226PMC400K#	20	29	2.7	57.5x50x35
25	250	256PMC250K#P1	25	28.5	1.9	42.5x35.5x33.5
25	330	256PMC330K#	17	26.5	2.7	57.5x45x30
25	400	256PMC400K#	20	30.5	2.6	57.5x50x35
30	250	306PMC250K#P0	25	30	1.8	42.5x45x33
30	330	306PMC330K#	17	27.5	2.5	57.5x45x30
33	250	336PMC250K#	25	31	1.7	42.5x45x33
35	250	356PMC250K#P0	25	32	1.7	42.5x45x33
35	330	356PMC330K#	17	31	2.3	57.5x50x35
40	330	406PMC330K#	17	32.5	2.1	57.5x50x35
50	250	506PMC250K#	15	32.5	2.2	57.5x50x35
60	250	606PMC250K#	15	34.5	2	57.5x50x35