

### GENERAL TECHNICAL CHARACTERISTICS

- Dielectric : Polypropylene film
- Construction : Extended double side Metallized carrier film with internal series connection and Metallized film
- Case : Solvent resistant plastic case with resin sealing .  
FlaGe retardant execution (UL94V-0).
- Leads: Tinned copper lugs for screw fixing or soldering on PCBs ,wire

### ELECTRICAL CHARACTERISTICS

- Working teGperature : - 40 to + 85 °C
- Capacitance : 5 to 90µF
- Rated Voltage : 500, 1100Vdc
- Tolerance : ± 5%, ± 10%
- Dissipation factor: Geasured at 1000±20 Hz AND 25±5°C.  
When  $C_r \leq 1.0\mu F$ ,  $4 \times 10^{-4}$ ;  
When  $C_r > 1.0\mu F$ ,  $6 \times 10^{-4}$

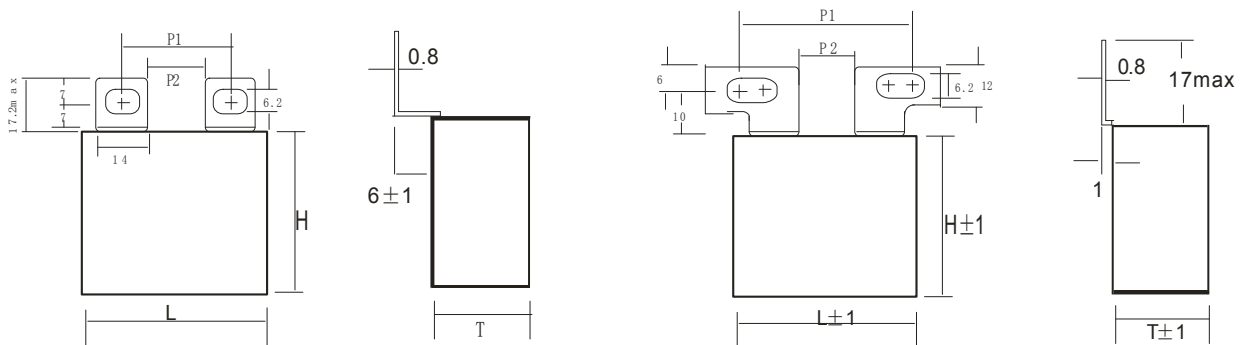
Life expectancy: 100,000 hours at Un and 70°C  
(Hotspot temperature)

### TEST GETHODS AND PERFORGANCES

- Dielectric strength: 1.5Ur (DC) applied for 10s at 25±5°C  
( 1 G minute for type test)
- Insulation resistance : 3000s but need not exceed 30GΩ  
(typical value), after 1 G minute of electrification at 100Vdc (25±5°C)



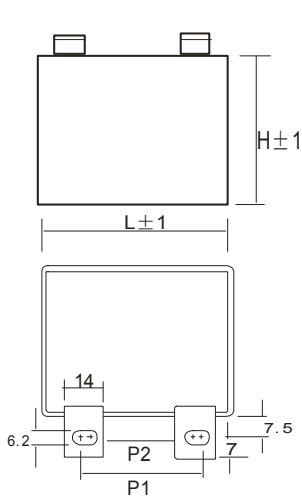
### Outline drawing



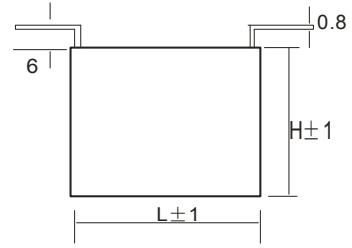
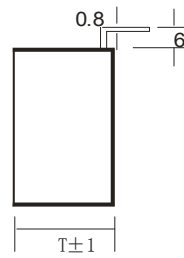
Style A

Style B

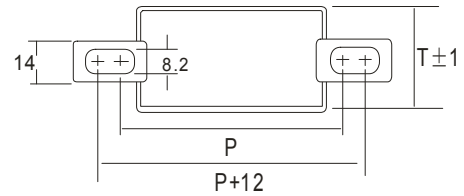
Style	Style A				Style B			
	A1	A2	A1	A2	B1	B2	B1	B2
L	P1	P2	P1	P2	P1	P2	P1	P2
42.5	23-28	11	20-25	8	29-39	11	33-45	8
57.5	23-28	11	36-41	24	29-39	11	33-45	24



Style C

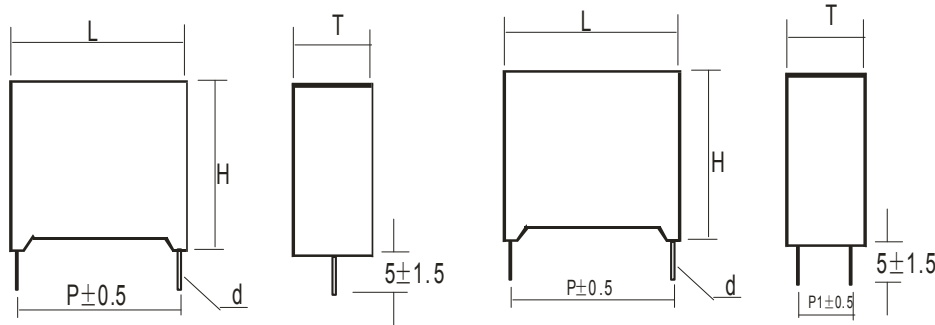


Style D



Style	C1		C2		D1		D2
L	P1	P2	P1	P2	P1	P2	P
42.5	23-28	11	20-25	8			50
57.5	23-28	11	36-41	24	46-58	28	65

Electrical specifications, ordering codes



## Article table/参数表

Part Number	CAP μ F	Dimension (mm)						du/dt v/μ s	Irms A	ESR mΩ
		L	T	H	P	P1	d			
Un 500Vdc										
DHA500K16#	16	42.5	22.0	30.0	37.5		1.2	20	10.0	7.0
DHA500K25#	25	42.5	28.0	37.0	37.5		1.2	20	12.0	4.2
DHA500K25#	25	42.5	28.0	37.0	37.5	10.0	1.2	20	14.0	4.2
DHA500K35#	35	42.5	30.0	45.0	37.5		1.2	20	12.0	3.0
DHA500K35#	35	42.5	30.0	45.0	37.5	20.0	1.2	20	17.0	2.5
DHA500K40#	40	42.5	33.0	45.0	37.5		1.2	20	12.0	2.8
DHA500K40#	40	42.5	33.0	45.0	37.5	20.0	1.2	20	19.0	2.4
DHA500K50#	50	57.5	30.0	45.0	52.5		1.2	13	12.0	4.0
DHA500K50#	50	57.5	30.0	45.0	52.5	20.0	1.2	13	17.0	3.5
DHA500K65#	50	57.5	35.0	50.0	52.5		1.2	13	12.0	3.3
DHA500K65#	50	57.5	35.0	50.0	52.5	20.0	1.2	13	20.0	2.7

Un 700Vdc										
DHA700K15#	15	42.5	22.0	30.0	37.5		1.2	22	10.0	8.0
DHA700K22#	22	42.5	28.0	37.0	37.5		1.2	22	12.0	5.5
DHA700K22#	22	42.5	28.0	37.0	37.5	10.0	1.2	22	12.0	5.2
DHA700K30#	30	42.5	30.0	45.0	37.5		1.2	22	12.0	4.0
DHA700K30#	30	42.5	30.0	45.0	37.5	20.0	1.2	22	15.0	3.5
DHA700K35#	35	42.5	33.0	45.0	37.5		1.2	22	12.0	3.5
DHA700K35#	35	42.5	33.0	45.0	37.5	20.0	1.2	20	18.0	3.1
DHA700K45#	45	57.5	30.0	45.0	52.5		1.2	15	12.0	5.3
DHA700K45#	45	57.5	30.0	45.0	52.5	20.0	1.2	15	20.0	3.5
DHA700K55#	55	57.5	35.0	50.0	52.5		1.2	15	12.0	4.3
DHA700K55#	55	57.5	35.0	50.0	52.5	20.0	1.2	15	22.0	2.8
Un 900Vdc										
DHA900K10#	10	42.5	22.0	30.0	37.5		1.2	30	8.0	9.5
DHA900K15#	15	42.5	28.0	37.0	37.5		1.2	30	11.0	6.5
DHA900K15#	15	42.5	28.0	37.0	37.5	10.0	1.2	30	11.0	6.0
DHA900K20#	20	42.5	30.0	45.0	37.5		1.2	30	12.0	5.0
DHA900K20#	20	42.5	30.0	45.0	37.5	20.0	1.2	30	13.0	4.5
DHA900K30#	30	57.5	30.0	45.0	52.5		1.2	20	12.0	6.3
DHA900K30#	30	57.5	30.0	45.0	52.5	20.0	1.2	20	16.0	5.9
DHA900K40#	40	57.5	35.0	50.0	52.5		1.2	20	12.0	4.9
DHA900K40#	40	57.5	35.0	50.0	52.5	20.0	1.2	20	20.0	4.5
DHA900K55#	55	57.5	42.5	56.0	52.5	20.0	1.2	20	22.0	3.1
Un 1200Vdc										
DHA1200K10#	5	42.5	22.0	30.0	37.5		1.2	40	6.0	13.0
DHA1200K10#	10	42.5	28.0	37.0	37.5		1.2	40	10.0	8.0
DHA1200K10#	10	42.5	28.0	37.0	37.5	10.0	1.2	40	10.0	7.5
DHA1200K15#	15	42.5	33.0	45.0	37.5		1.2	40	12.0	5.5
DHA1200K15#	15	42.5	33.0	45.0	37.5	20.0	1.2	40	13.0	5.0
DHA1200K20#	20	57.5	30.0	45.0	52.5		1.2	27	12.0	7.0
DHA1200K22#	22	57.5	30.0	45.0	52.5	20.0	1.2	27	14.0	6.5
DHA1200K25#	25	57.5	35.0	50.0	52.5		1.2	27	12.0	6.3
DHA1200K25#	25	57.5	35.0	50.0	52.5	20.0	1.2	27	16.0	6.0
DHA1200K40#	40	57.5	42.5	56.0	52.5	20.0	1.2	27	20.0	3.5

Part Numbering System : DHA1200K0.47\*# "##" = style "A B C D"

How to Order:

DHA - 1200 - 10.0- \* #

