

K02 TYPE -40°C +105°C 5000H

RoHS Compliant
Directive 2002/95/EC

- Surge-proof capacitor in aluminium can with insulation sleeve.
- Poles brought out to heavy duty screw terminals.
- To be mounted with ring clips or with threaded stud
- Very high CV for unit volume with low ESR and impedance.
- High ripple current capability. Extended temperature range.
- High level reliability with outstanding high frequency characteristics.

APPLICATIONS

High professional power supplies. Switch power supplies, power converters, filtering devices, motor drive.

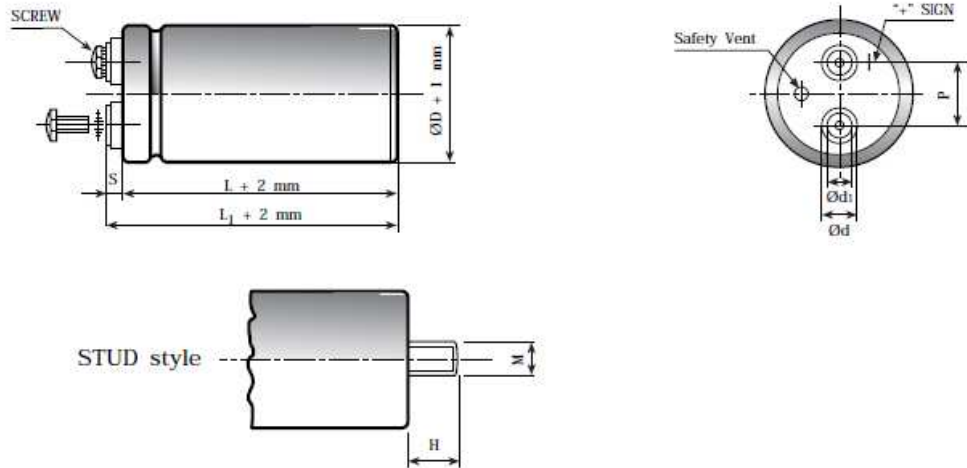


Diagram of dimensions (unit=mm)

ØD	d	d1	P	M	H	INSERT	SCREW	L1 -L[-1+3]	S[-1+1]
35	11	7.9	12.7	M 8	12	M5	5MA x 9,5	2.5	5
51	18.5	13	22.7	M 12	16	M5	5MA x 9,5	2.5	5
63	18.5	13	28.6	M 12	16	M5	5MA x 9,5	2.5	5
63	12	7.9	28.6	M 12	16	UNF	10-32 class 2B	6	7
76	18.5	13	31.8	M 12	16	M5	5MA x 9,5	2.5	5
76	23.2	17.7	31.8	M 12	16	M6	6MA x 10	4.5	7
76	12	7.9	31.8	M 12	16	UNF	10-32 class 2B	6	7
90	23.2	17.7	31.8	M 12	16	M6	6MA x 10	4.5	7

new screw type capacitor**K02 TYPE STANDARD RATINGS**

K02 500V 105°C 5000H surge 550V

RATED VOLTAGE VDC	Capacitance μ F	Ø x L Mm	Tan δ MAX 100 Hz 20°C	ESR TYP m Ω 100 Hz 20°C	Z TYP m Ω 10KHz 20°C	Ir a.c. A max 100 Hz 105°C	PART NUMBER Termination digit excluded
500V	1000	51x105	0.11	100	88	4.0	K02500102_HM0G105
	1500	63x105	0.11	64	58	5.4	K02500152_HM0H105
	1800	63x105	0.11	61	53	5.7	K02500182_HM0H105
	2200	76x105	0.11	60	47	6.9	K02500222_HM0J105
	2700	76x143	0.13	40	32	8.7	K02500272_HM0J143
	3300	76x143	0.15	37	31	9.4	K02500332_HM0J143
	3900	76x143	0.15	31	28	10.1	K02500392_HM0J143
	4700	76x143	0.15	29	26	10.3	K02500472_HM0J143
	5600	76x214	0.15	23	19	14.3	K02500562_HM0J214
	6800	76x214	0.15	21	16	14.8	K02500682_HM0J214
	6800	90x145	0.15	21	16	13.3	K02500682_HM0L145
	8200	90x220	0.15	19	15	18.6	K02500822_HM0L220
	10000	90x220	0.20	17	15	20.0	K02500103_HM0L220