

## KG Type Screw Terminal -40°C +85°C 12000H

Surge-proof capacitor in aluminium can with insulation sleeve.

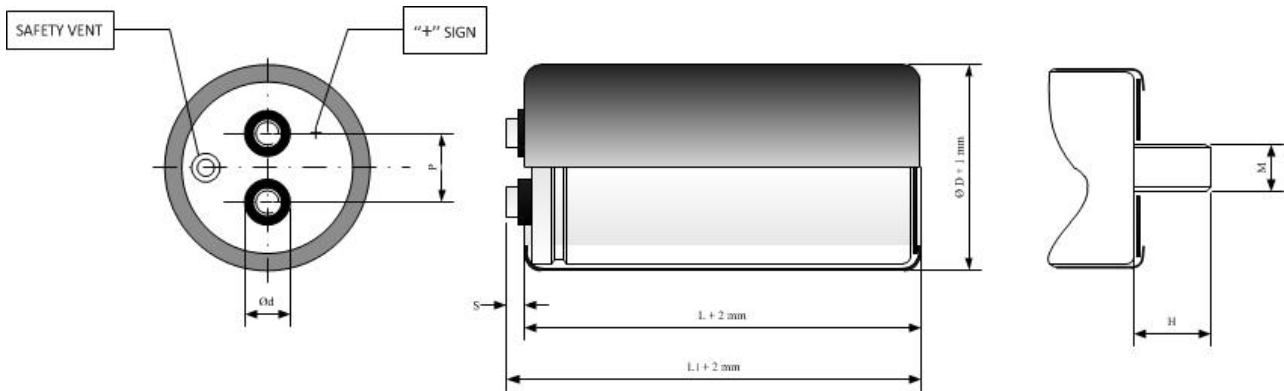
Heavy duty screw terminal connectors.

Mounted with ring clip or threaded stud.

Designed optimised for high ripple current applications.

### APPLICATIONS

Professional applications. Switch mode power supplies, high ripple current converters, motor drives.



ØD	Ød	P	M	H	Screw
35	11	12.7	M 8	12	5MA x 9.5
51	18.5	22.7	M 12	16	5MA x 9.5
63	18.5	28.6	M 12	16	5MA x 9.5
76	18.5	31.8	M 12	16	5MA x 9.5
76	18.5	31.8	M 12	16	6MA x 10
90	18.5	31.8	M 12	16	6MA x 10

M5	S = 5mm -0 +1mm from top of deck	L1 = L + 2.5mm	L1 tol = -0 +3mm
M6	S = 7mm -1 +1mm from top of deck	L1 = L + 4.5mm	L1 tol = -1 +3mm



## KG TYPE SPECIFICATIONS

	Capacitance $\mu\text{F}$	$\varnothing \times L$ mm	Tan $\delta$ MAX 100 Hz 20°C	ESR TYP m $\Omega$ 100 Hz 20°C	Z TYP m $\Omega$ 10 kHz 20°C	I <sub>r</sub> a.c. A max 100 Hz 105°C	PART NUMBER standard insert style no stud
<b>RATED VOLTAGE VDC  350V</b>	1500	51 x 79	0.06	46	30	7.9	KG152MK51079AA1
	1500	51 x 105	0.06	46	30	8.8	KG152MK51105AA1
	2200	51 x 105	0.06	33	22	10.4	KG222MK51105AA1
	2200	63 x 105	0.06	28	17	12.8	KG222MK63105AA1
	2200	76 x 79	0.06	32	21	12.1	KG222MK76079AA1
	2200	76 x 98	0.06	32	21	13.0	KG222MK76098AA1
	3300	63 x 105	0.06	20	15	15.1	KG332MK63105AA1
	3300	76 x 79	0.06	24	17	14.0	KG332MK76079AA1
	3300	76 x 105	0.06	22	16	16.1	KG332MK76105AA1
	4700	76 x 105	0.06	16	12	19.0	KG472MK76105AA1
	4700	76 x 143	0.06	16	12	22.0	KG472MK76143AA1
	4700	90 x 98	0.06	17	13	20.0	KG472MK90098AB1
	5600	76 x 143	0.06	14	10	23.5	KG562MK76143AA1
	6800	76 x 143	0.06	11	8	25.8	KG682MK76143AA1
	6800	90 x 145	0.06	11	8	28.8	KG682MK90145AB1
	8200	90 x 145	0.06	10	7	30.7	KG822MK90145AB1
	10000	76 x 214	0.08	8	6	36.4	KG103MK76214AA1
	10000	90 x 145	0.08	8	6	32.4	KG103MK90145AB1
	12000	76 x 214	0.08	7	6	37.5	KG123MK76214AA1
	15000	90 x 220	0.10	6	5	42.5	KG153MK90220AB1

# KG TYPE SPECIFICATIONS

RATED VOLTAGE VDC	Capacitance $\mu$ F	$\varnothing$ x L mm	Tan $\delta$ MAX 100 Hz 20°C	ESR TYP m $\Omega$ 100 Hz 20°C	Z TYP m $\Omega$ 10 kHz 20°C	I <sub>r</sub> a.c. A max 100 Hz 105°C	PART NUMBER standard insert style no stud
	1500	51 x 79	0.08	59	41	7.0	KG152ML51079AA1
	1500	51 x 105	0.08	59	41	7.8	KG152ML51105AA1
	2200	51 x 105	0.08	42	29	9.3	KG222ML51105AA1
	2200	76 x 79	0.08	42	29	10.1	KG222ML76079AA1
	2200	76 x 98	0.08	42	29	12.2	KG222ML76098AA1
	3300	63 x 105	0.08	26	19	13.4	KG332ML63105AA1
	3300	76 x 79	0.08	29	21	12.4	KG332ML76079AA1
	3300	76 x 98	0.08	29	21	13.5	KG332ML76098AA1
	3300	76 x 105	0.08	29	21	14.3	KG332ML76105AA1
	3900	76 x 105	0.08	24	19	15.7	KG392ML76105AA1
	4400	90 x 98	0.08	24	19	17.3	KG442ML90098AB1
	4700	76 x 105	0.09	20	15	17.0	KG472ML76105AA1
	4700	76 x 143	0.09	20	15	19.4	KG472ML76143AA1
	4700	90 x 98	0.09	21	16	17.7	KG472ML90098AB1
	5600	76 x 143	0.09	17	13	21.0	KG562ML76143AA1
	6800	76 x 143	0.09	14	11	23.0	KG682ML76143AA1
	6800	90 x 145	0.09	14	11	25.0	KG682ML90145AB1
	8200	90 x 145	0.09	12	9	27.3	KG822ML90145AB1
	10000	76 x 214	0.09	10	8	32.0	KG103ML76214AA1
	10000	90 x 145	0.10	10	8	29.2	KG103ML90145AB1
	14000	90 x 220	0.10	8	6	40.0	KG143ML90220AB1
	15000	90 x 220	0.10	7	6	41.0	KG153ML90220AB1

RATED VOLTAGE VDC	Capacitance $\mu$ F	$\varnothing$ x L mm	Tan $\delta$ MAX 100 Hz 20°C	ESR TYP m $\Omega$ 100 Hz 20°C	Z TYP m $\Omega$ 10 kHz 20°C	I <sub>r</sub> a.c. A max 100 Hz 105°C	PART NUMBER standard insert style no stud
	1200	51 x 79	0.08	64	43	6.7	KG122MN51079AA1
	1200	51 x 105	0.08	64	43	7.5	KG122MN51105AA1
	1500	51 x 105	0.08	59	41	7.8	KG152MN51105AA1
	2200	63 x 105	0.08	42	29	11.0	KG222MN63105AA1
	2200	76 x 79	0.08	42	29	10.1	KG222MN76079AA1
	2200	76 x 98	0.08	42	29	12.2	KG222MN76098AA1
	3300	76 x 105	0.08	29	21	14.3	KG332MN76105AA1
	3300	90 x 98	0.08	29	21	16.1	KG332MN90098AA1
	3900	76 x 105	0.08	24	19	15.7	KG392MN76105AA1
	4700	76 x 143	0.09	20	15	19.4	KG472MN76143AA1
	4700	90 x 98	0.09	21	16	17.7	KG472MN90098AB1
	5600	76 x 143	0.09	17	13	21.0	KG562MN76143AA1
	6800	76 x 214	0.09	14	11	29.0	KG682MN76214AA1
	6800	90 x 145	0.09	14	11	25.0	KG682MN90145AB1
	8200	90 x 145	0.09	12	9	27.3	KG882MN90145AB1
	10000	90 x 220	0.10	10	8	37.2	KG103MN90220AB1
	12000	90 x 220	0.10	9	8	40.0	KG123MN90220AB1