

## KH Type Screw Terminal -40°C +105°C 12000H

Surge-proof capacitor in aluminium can with insulation sleeve.

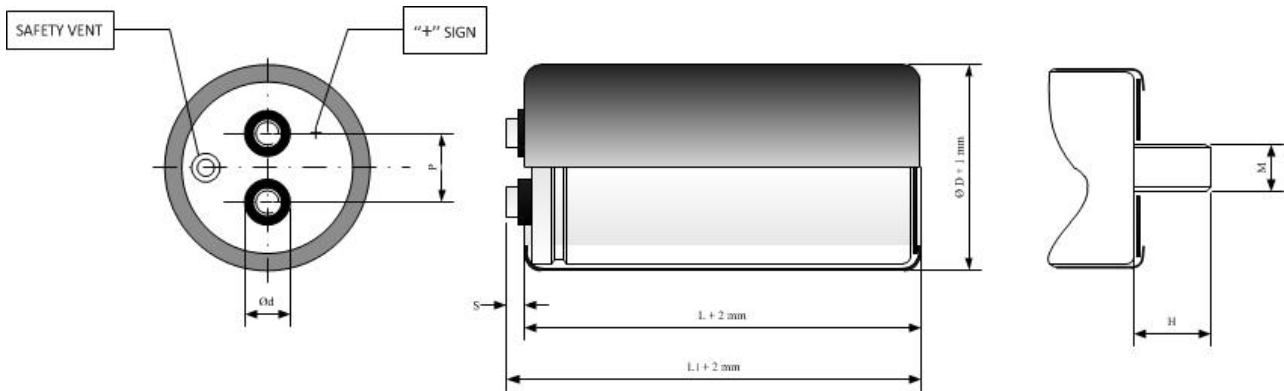
Heavy duty screw terminal connectors.

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	



# KH TYPE SPECIFICATIONS

	Capacitance $\mu\text{F}$	$\varnothing \times \text{L}$ 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>	1200	51 x 79	0.06	51	35	4.5	KH122MK51079AA1
	1200	51 x 105	0.06	51	35	5.3	KH122MK51105AA1
	1500	51 x 105	0.06	46	30	5.8	KH152MK51105AA1
	1800	51 x 105	0.06	40	25	6.2	KH182MK51105AA1
	2200	63 x 105	0.06	28	17	8.1	KH222MK63105AA1
	2200	76 x 79	0.06	32	21	7.7	KH222MK76079AA1
	2200	76 x 98	0.06	32	21	8.3	KH222MK76098AA1
	2800	63 x 105	0.06	27	19	9.0	KH282MK63105AA1
	3300	76 x 79	0.06	24	17	8.8	KH332MK76079AA1
	3300	76 x 105	0.06	22	16	10.8	KH332MK76105AA1
	3900	76 x 105	0.06	19	13	11.2	KH392MK76105AA1
	3900	90 x 98	0.06	19	13	11.8	KH392MK90098AB1
	4700	76 x 143	0.06	16	12	14.4	KH472MK76143AA1
	5600	76 x 143	0.06	14	10	15.5	KH562MK76143AA1
	6800	76 x 214	0.06	11	8	19.0	KH682MK76214AA1
	6800	90 x 145	0.06	11	8	18.3	KH682MK90145AB1
	8200	76 x 214	0.06	10	7	20.0	KH822MK76214AA1
	8200	90 x 145	0.06	10	7	19.0	KH822MK90145AB1
	10000	76 x 214	0.08	8	6	23.0	KH103MK76214AA1
	10000	90 x 145	0.08	8	6	19.6	KH103MK90145AB1
12000	90 x 220	0.08	7	6	26.0	KH123MK90220AB1	

	Capacitance $\mu\text{F}$	$\varnothing \times \text{L}$ 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  400V</b>	1200	51 x 79	0.08	66	45	4.1	KH122ML51079AA1
	1200	51 x 105	0.08	66	45	4.6	KH122ML51105AA1
	1500	51 x 105	0.08	54	41	5.2	KH152ML51105AA1
	2200	63 x 105	0.08	41	28	7.0	KH222ML63105AA1
	2200	76 x 79	0.08	41	28	6.9	KH222ML76079AA1
	2200	76 x 98	0.08	41	28	7.4	KH222ML76098AA1
	3300	76 x 105	0.08	29	21	9.2	KH332ML76105AA1
	3900	76 x 105	0.08	24	19	10.0	KH392ML76105AA1
	4400	90 x 98	0.08	24	19	11.0	KH442ML90098AB1
	4700	76 x 143	0.09	19	15	13.4	KH472ML76143AA1
	5600	76 x 143	0.09	17	13	13.9	KH562ML76143AA1
	6800	76 x 214	0.09	14	11	18.0	KH682ML76214AA1
	6800	90 x 145	0.09	14	11	16.0	KH682ML90145AB1
	8200	90 x 145	0.09	12	9	17.0	KH822ML90145AB1
	10000	90 x 220	0.09	10	8	23.0	KH103ML90220AB1
	12000	90 x 220	0.10	8	6	25.0	KH123ML90220AB1

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	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  450V</b>	1000	51 x 79	0.08	69	47	4.0	KH102MN51079AA1
	1000	51 x 105	0.08	69	47	4.6	KH102MN51105AA1
	1200	51 x 105	0.08	64	43	4.7	KH122MN51105AA1
	2200	63 x 105	0.08	41	28	7.0	KH222MN63105AA1
	2200	76 x 79	0.08	41	28	6.9	KH222MN76079AA1
	2200	76 x 98	0.08	41	28	7.4	KH222MN76098AA1
	2800	90 x 98	0.08	30	23	9.2	KH282MN90098AB1
	3300	76 x 105	0.08	29	21	9.2	KH332MN76105AA1
	3900	76 x 143	0.08	22	17	12.0	KH392MN76143AA1
	4700	76 x 143	0.09	19	15	12.4	KH472MN76143AA1
	5600	90 x 145	0.09	16	13	15.4	KH562MN90145AB1
	6800	76 x 214	0.09	14	11	18.0	KH682MN76214AA1
	6800	90 x 145	0.09	13	10	16.6	KH682MN90145AB1
	8200	90 x 220	0.09	12	9	17.0	KH822MN90220AB1
	10000	90 x 220	0.10	10	8	23.0	KH103MN90220AB1