

MH Series

- Endurance with ripple current: 105°C 1000 hours
- For input filtering of power supplies
- The capacitors are designed medium-and-high pressure standard products

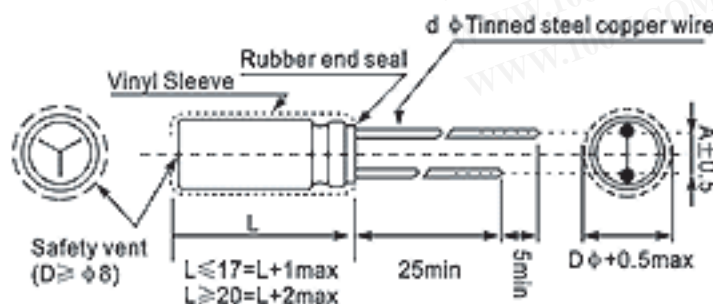


SPECIFICATIONS

Items	Characteristics							
Category	-25 to + 105°C							
Temperature Range	-25 to + 105°C							
Rated Voltage Range	160 to 450V dc							
Capacitance Tolerance	±20%(M) (at 25°C, 120Hz)							
Leakage Current	I=0.01CV + 3µA, whichever is greater. (at 25°C after 2minutes) Where, I:Max. Leakage current(µA). C:Nominal capacitance(µF). V:Rated voltage(V) (at 25°C)							
Dissipation Factor (tan δ)	Rated voltage (Vdc)	160V	200V	250V	350V	400V	450V	(at 25°C, 120Hz)
	Tan δ (Max.)	0.15	0.15	0.15	0.20	0.20	0.20	
Load. Life	The following specifications shall be satisfied when the capacitors are restored to 25°C after subjected to DC voltage with the rated ripple current is applied for 1000 hours at 105°C							
	Capacitance change	≤ ±20% of the initial value						
	DF(tan δ)	≤200% of the initial specified value						
Shelf. Life	The following specifications shall be satisfied when the capacitors are restored to 25°C after exposing them for 500 hours at 105°C without voltage applied							
	Rated voltage	160 to 450 Vdc						
	Capacitance change	≤ ±20% of the initial value						
	DF(tan δ)	≤200% of the initial specified value						
	Leakage current	≤The initial specified value						

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Diagram: (Unit: mm)



Body Dia ϕD	5	6	8	10	13		16	18	22
					L<21	L≥25			
Lead Dia ϕd		0.5		0.6	0.6	0.8	0.8	0.8	0.8
Lead Space A	2	2.5	3.5		5		7.5	7.5/10	10

Miniature Aluminum Electrolytic Capacitors

Standard, 105°C

MH Series

STANDARD RATINGS

μF	Vdc	160		200		250		350		400		450	
		Case	Cap	Case	Cap	Case	Cap	Case	Cap	Case	Cap	Case	Cap
0.47		5*11	12	5*11	12	5*11	12	6.3*11	15	6.3*11	15	6.3*11	15
1.0		5*11	17	6.3*11	17	6.3*11	17	6.3*11	22	8*12	22	8*12	22
2.2		6.3*11	33	6.3*11	33	8*12	36	10*12.5	39	10*12.5	39	10*12.5	39
3.3		8*12	36	8*12	36	10*12.5	43	10*17	43	10*17	43	10*20	45
4.7		10*12.5	48	10*12.5	51	10*12.5	51	10*20	63	10*20	69	10*20	75
10		10*12.5	83	10*17	83	10*20	90	10*20	110	10*20 13*20	110 125	13*25	120
22		10*20	110	10*20	110	13*20	120	16*25	130	13*20 16*25	125 135	16*32	130
33		13*20	170	13*20	170	13*25	180	16*32	190	16*20 16*32	180 190	18*32	200
47		13*25	230	13*25	230	16*25	240	16*32	250	16*25 16*32	240 250	18*36	280
68		13*25	230	16*25	230	16*32	270	16*36	290	18*32	310		
100		16*25	330	13*36 16*25	335	16*32	340	18*32	360	18*36	380		
150		16*32	450	16*36	460	18*32	480						
180		16*36	470	18*36	480	18*40	490						
220		16*36	515	18*36 22*30	515 527	18*40	525						
330		18*32	850	18*36 22*37	900 1050								
470		22*35	1,150	22*40	1,200								

↑ Rated ripple current (mA rms) at 105°C, 120Hz

↑ Case size φD x L(mm)

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