

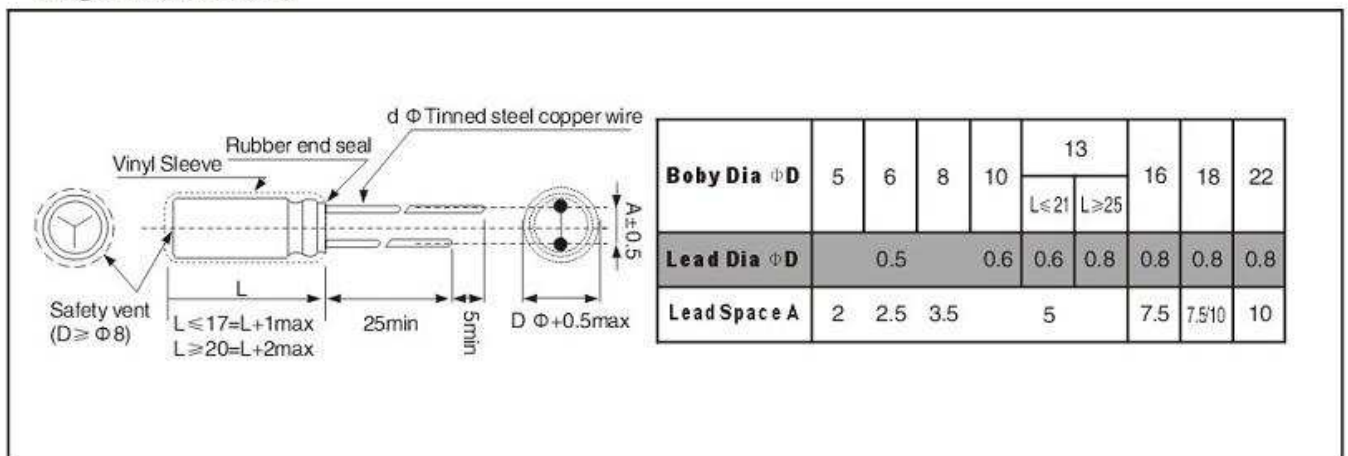
## MH Series 中壓標準品電容器, 105°C HIGH VOLTAGE STANDARD SIZE, 105°C CAPACITOR

- **Endurance with ripple current: 105 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									
Rated Voltage Range	160 to 450V dc								
Capacitance Tolerance	± 20%(M) (at 25°C, 120Hz)								
Leakage Current	I=0.01CV+3 μ A, whichever is greater. (at 25°C after 2minute) Where, I:Max. Leakage current( μ A). C:Nominal capacitance( μ F). 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							
	Leakage current	≤ 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							

### Diagram: (Unit:mm)



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### SPANDARD RATINGS

$\mu F$ \ Vdc	160		200		250		350		400		450	
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								

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Rated ripple current (mArms) at 105°C, 120Hz

Case size  $\phi$  D x L (mm)