

## ME-HWN Series

Bi-polar

Miniature

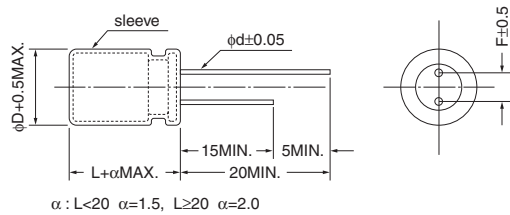


- 85°C, 2000hrs.
- Solvent proof (within 5 minutes)

### Specifications

Items	Specifications							
Rated voltage (V)	6.3	10	16	25	35	50	100	
Category temperature range (°C)	-40 to +85							
Capacitance tolerance (%)	±20 (120Hz/20°C)							
Tangent of loss angle (tanδ) (MAX.) (120Hz/20°C)	0.24	0.20	0.18	0.16	0.14	0.13	0.10	
	When rated capacitance exceeds 1000μF, add 0.02 to the value above for each 1000μF increase.							
Leakage current (L.C.) (μA/after 1min.) (MAX.)	0.03CV+6							
Impedance (120Hz) ratio at low temperature (MAX.)	Z-25°C/Z20°C	4	3	3	2	2	2	2
	Z-40°C/Z20°C	10	8	8	6	4	4	4
Endurance 500hrs.x4 (alternately) 85°C, rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value						
	tanδ	≤ Twice the initial specified value						
	L.C.	≤ The initial specified value						

### Dimensions



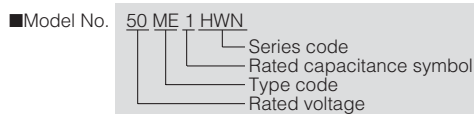
(Unit : mm)

	5	6.3	8	10	12.5
φD	5	6.3	8	10	12.5
F	2.0	2.5	3.5	5.0	5.0
φd	0.5	0.5	0.6	0.6	0.6

A pressure relief vent is attached to products over φD=6.3

### Size List, Rated Ripple Current

μF	6.3		10		16		25		35		50		100	
	V	Case	V	Case	V	Case	V	Case	V	Case	V	Case	V	Case
0.47											5 x 11	5.0	5 x 11	8.0
1.0											5 x 11	10	5 x 11	15
2.2											5 x 11	20	5 x 11	25
3.3											5 x 11	28	6.3 x 11	30
4.7							5 x 11	25	5 x 11	30	5 x 11	38	6.3 x 11	45
10					5 x 11	28	5 x 11	40	5 x 11	45	6.3 x 11	50	8 x 12.5	70
22			5 x 11	38	5 x 11	50	5 x 11	60	6.3 x 11	75	6.3 x 11	90	10 x 16	120
33	5 x 11	50	5 x 11	58	5 x 11	60	6.3 x 11	80	6.3 x 11	90	8 x 11.5	110	10 x 20	170
47	5 x 11	60	5 x 11	70	6.3 x 11	85	6.3 x 11	90	8 x 11.5	125	10 x 12.5	135	12.5 x 20	200
100	6.3 x 11	120	6.3 x 11	125	8 x 11.5	165	8 x 12.5	180	10 x 12.5	200	10 x 20	250		
220	8 x 11.5	210	8 x 12.5	225	10 x 12.5	260	10 x 16	320	10 x 20	350	12.5 x 25	410		
330	8 x 11.5	260	10 x 12.5	295	10 x 16	360	10 x 20	425	12.5 x 20	440				
470	10 x 12.5	330	10 x 16	390	10 x 20	420	12.5 x 20	540	12.5 x 25	585				
1000	10 x 20	560	12.5 x 20	620	12.5 x 25	740								
2200	12.5 x 25	890												



Case size ; φD x L (mm)

Rated ripple current  
mAr.m.s. (120Hz, 85°C)