

ME-HWN Series

Bi-polar

Standard

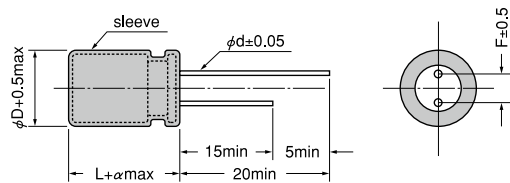


- 85°C, 2,000hours
- Solvent proof (within 5 minutes)

Specifications

Items	Condition	Specifications							
Rated voltage (V)	—	6.3	10	16	25	35	50	100	
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	125	
Category temperature range (°C)	—	-40 to +85							
Capacitance tolerance (%)	120Hz/20°C	M : ±20							
Dissipation Factor (tanδ)	tanδ (max) 120Hz/20°C	0.24	0.20	0.18	0.16	0.14	0.13	0.10	
		Exceeding 1,000μF, +0.02 every 1,000μF							
Leakage current (LC)	μA/after 1minute (max)	0.03CV + 6							
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C Z/Z20°C	4	3	3	2	2	2	2
		-40°C Z/Z20°C	10	8	8	6	4	4	4
Endurance	500hours×4(alternately) 85°C, rated voltage applied (With the rated ripple current)	ΔC/C	Within ±25% of the initial value						
		tan δ	Less than 200% of the specified value						
		LC	Less than the specified value						

Dimensions



α: L<20 α=1.5, L≥20 α=2.0
A pressure relief vent is provided for φD=6.3 or bigger

(Unit : mm)

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

Size List, Rated Ripple Current

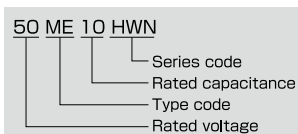
V	6.3		10		16		25		35		50		100	
μF														
1.0											5×11	10		
2.2											5×11	20	5×11	25
3.3											5×11	28	6.3×11	30
4.7							5×11	25	5×11	30	5×11	38	6.3×11	45
10					5×11	28	5×11	40	5×11	45	6.3×11	50	8×12.5	70
22			5×11	38	5×11	50	5×11	60	6.3×11	75	6.3×11	90	10×16	120
33	5×11	50	5×11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

Please refer to page 15 for ripple current frequency coefficients.

Rated ripple current
mA rms (120Hz, 85°C)

Case size: φD×L (mm)

Part number



Radial Lead Type
Aluminum Electrolytic Capacitors

- ME-SWB
- ME-UZ-SZ
- ME-UAX-SAX
- ME-SWG
- ME-HC
- ME-CZ
- ME-CA
- ME-CX
- ME-AX
- ME-WX
- ME-WA
- ME-WL
- ME-WG
- ME-LS
- ME-FX
- ME-PX
- ME-HPC-HPD
- ME-FC-FD
- ME-FH
- ME-SWN
- ME-HWN