

ME-HC Series

Standard



- Solvent proof (within 5 minutes)

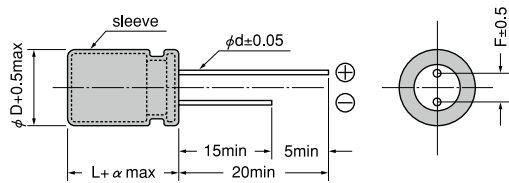
ME-CZ (P.74)
 ↑ 105°C·Low Impedance
 ME-HC

Radial Lead Type
 Aluminum Electrolytic Capacitors

Specifications

Items	Condition	Specifications									
Rated voltage (V)	—	6.3	10	16	25	35	50	63	100		
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	79	125		
Category temperature range (°C)	—	-40 to +85									
Capacitance tolerance (%)	120Hz/20°C	M : ±20									
Dissipation Factor (tanδ)	tanδ (max) 120Hz/20°C	0.28	0.24	0.20	0.16	0.14	0.12	0.10	0.10		
		Exceeding 1,000μF, +0.02 every 1,000μF									
Leakage current (LC)	μA/after 2minutes (max)	The greater value of either 0.01CV or 3									
Impedance ratio at low temperature	Based the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	5	4	3	2	2	2	2	2	
		-40°C Z/Z _{20°C}	12	10	8	6	4	4	4	4	
Endurance	85°C, 2,000hours, 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	16	18
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φd	0.5	0.5	0.6	0.6	0.6	0.8	0.8

Size, Rated Ripple Current

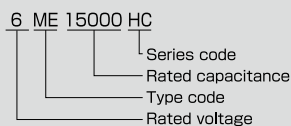
μF \ V	6.3	10	16	25	35	50	63	100
2.2						5x11	20	5x11 30
3.3						5x11	28	5x11 40
4.7				5x11	25	5x11	38	5x11 50
10			5x11	28	5x11	40	5x11	45
22		5x11	38	5x11	50	5x11	60	5x11
33	5x11	50	5x11	58	5x11	60	5x11	75
47	5x11	60	5x11	70	5x11	85	5x11	90
100	5x11	120	5x11	125	5x11	165	6,3x11	180
220	5x11	210	5x11	210	6,3x11	260	8x11.5	320
330	6,3x11	260	6,3x11	295	8x11.5	360	8x11.5	380
470	6,3x11	330	6,3x11	330	8x11.5	380	10x12.5	540
1000	8x11.5	420	10x12.5	620	10x16	740	10x20	940
2200	10x16	890	10x20	1000	12,5x20	1150	12,5x25	1350
3300	10x20	1080	12,5x20	1300	12,5x25	1500	16x25	1600
4700	12,5x20	1400	12,5x25	1550	16x25	1750	16x31.5	1900
6800	12,5x25	1600	16x25	1800	16x31.5	1900	18x35.5	2000
10000	16x25	1750	16x31.5	1900	18x35.5	2000		
15000	16x35.5	1900	18x35.5	2000				

Please refer to page 15 for ripple current frequency coefficients.

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

Case size: φDxL (mm)

Part number



- 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