

ME-LS Series

105°C Long Life

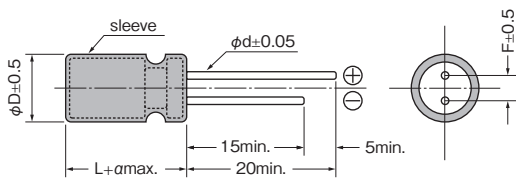


- 105°C 3,000hours
- Solvent proof ($\phi 4$ to 6.3 : within 3 minutes, $\phi 8$: within 5 minutes)

Specifications

Items	Condition	Specifications						
Rated voltage (V)	—	6.3	10	16	25	35	50	
Surge voltage (V)	Room temperature	8.0	13	20	32	44	63	
Category temperature range (°C)	—	-40 to +105						
Capacitance tolerance (%)	120Hz/20°C	M : ± 20						
Dissipation Factor (tan δ)	tan δ (max.) 120Hz/20°C	0.30	0.28	0.24	0.18	0.16	0.14	
Leakage current (LC)	μA /after 2minutes (max.)	The greater value of either 0.01CV or 3						
Impedance ratio at low temperature	Based on the value at 120Hz, +20°C	-25°C Z/Z _{20°C}	5	4	3	2	2	2
		-40°C Z/Z _{20°C}	10	8	6	4	3	3
Endurance	105°C, 3,000hours rated voltage applied (With the rated ripple current)	$\Delta C/C$	Within $\pm 30\%$ of the initial value					
		tan δ	Less than 300% of the specified value					
		LC	Less than the specified value					

Dimensions



$$\alpha : L \leq 7.5 \quad \alpha = 1.0, \quad L = 11.5 \quad \alpha = 1.5$$

 A pressure relief vent is provided for $\phi 8 \times 11.5$

(Unit : mm)

ϕD	4	5	6.3	8
F	1.5	2.0	2.5	3.5
ϕd	0.45	0.45	0.45	0.60

Size, Impedance, Rated Ripple Current

μF \ V	6.3		10		16		25		35		50					
1.0											4x7	17.0	23			
2.2											4x7	13.0	26			
3.3											4x7	11.0	29			
4.7									4x7	6.6	37	5x7	9.0	37		
10					4x7	4.2	46	4x7	4.2	46	5x7	2.3	74	6.3x7	2.5	84
22	4x7	4.2	46		5x7	2.3	74	5x7	2.3	74	6.3x7	1.2	120	6.3x7.5	1.6	112
33				5x7	2.3	74		6.3x7	1.2	120	6.3x7.5	0.75	163			
47	5x7	2.3	74			6.3x7	1.2	120	6.3x7.5	0.75	163	6.3x7.5	0.75	163		
100	6.3x7	1.2	120			6.3x7.5	0.75	163								
150				6.3x7.5	0.75	163										
220	6.3x7.5	0.75	163					8x11.5	0.40	298	8x11.5	0.40	298			
330								8x11.5	0.40	298						
470								8x11.5	0.40	298						
1000	8x11.5	0.40	298													

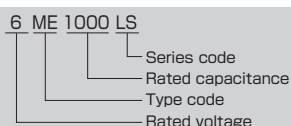
Please refer to page 14 for ripple current frequency coefficients.

 Case size: $\phi D \times L$ (mm)

 Rated ripple current
mA rms (100kHz, 105°C)

 Impedance (Ω)
max. at 100kHz, 20°C

Part number


 Radial Lead Type
Aluminum Electrolytic Capacitors

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