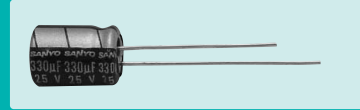


ME-LS Series

Long Life

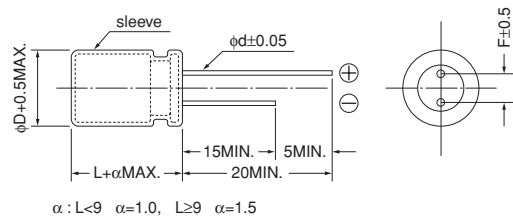


- 105°C, 3000hrs.
- Solvent proof ($\phi 4$ to $\phi 6.3$; within 3minutes, $\phi 8$; within 5 minutes)

Specifications

Items	Specifications					
Rated voltage (V)	6.3	10	16	25	35	50
Category temperature range (°C)	-40 to +105					
Capacitance tolerance (%)	±20 (120Hz/20°C)					
Tangent of loss angle (tan δ) (MAX.) (120Hz/20°C)	0.30	0.28	0.24	0.18	0.16	0.14
Leakage current (L.C.) (μ A/after 2min.) (MAX.)	The greater value of either 0.01CV or 3					
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	5	4	3	2	2
	Z _{-40°C} /Z _{20°C}	10	8	6	4	3
Endurance 105°C, 3000hrs. rated voltage applied (With the rated ripple current)	Δ C/C	Within ±30% of the initial value				
	tan δ	≤ 3times the initial specified value				
	L.C.	≤ The initial specified value				

Dimensions



(Unit : mm)

ϕ D	4	5	6.3	8
F	1.5	2.0	2.5	3.5
ϕ d	0.45	0.45	0.45	0.60

α : L<9 α =1.0, L \geq 9 α =1.5

A pressure relief vent is attached to products $\phi 8 \times 11.5$

Size List, Impedance, Rated Ripple Current

μ F \ 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			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	8X9	1.1 162
100	6.3X7	1.2 120			6.3X7.5	0.75 163	8X9	0.55 230			8X9	1.1 162
150			6.3X7.5	0.75 163	8X9	0.55 230						
220	6.3X7.5	0.75 163	8X9	0.55 230	8X9	0.55 230	8X11.5	0.40 298	8X11.5	0.40 298		
330	8X9	0.55 230			8X9	0.55 230	8X11.5	0.40 298				
470	8X9	0.55 230			8X11.5	0.40 298						
1000	8X11.5	0.40 298										

Case size ; ϕ D x L (mm)

Rated ripple current
mAr.m.s. (100kHz, 105°C)

Impedance (Ω)
MAX. at 100kHz, 20°C

Model No.

