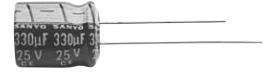


ME-FA Series

105°C 3000Hrs.

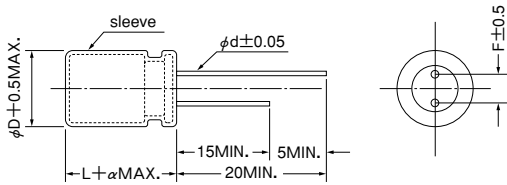
This series guarantees 105°C.



Specifications

Items		Specifications							
Rated voltage (V)		6.3	10	16	25	35	50	63	100
Category temperature range (°C)		-40 to +105							
Capacitance tolerance (%)		±20 (120Hz/20°C)							
Tangent of loss angle (tan δ) (MAX.)		0.24	0.20	0.16	0.14	0.12	0.10	0.10	0.10
		When nominal capacitance exceeds 1000 µF, add 0.02 to the value above for each 1000 µF increase. (120Hz/20°C)							
Leakage current(L.C.)(µA/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}	4	3	2	2	2	2	2	2
	Z _{-40°C} /Z _{20°C}	10	8	6	4	4	4	4	4
Endurance rated voltage applied.	Test	105°C 3000hrs. (φ D≤8, 1000hrs φ D=10, 2000hrs)							
	ΔC/C	Within ±25% of the initial value							
	tan δ	≤ Twice the initial standard							
	L.C.	≤ The initial standard							

Dimensions



α: L<20 α=1.5, L≥20 α=2.0
A pressure relief vent is attached to products over φD=6.3

(Unit :mm)

φ D	5	6.3	8	10	12.5	16	18
F	2.0	2.5	3.5	5.0	5.0	7.5	7.5
φ d	0.5	0.5	0.6	0.6	0.6	0.8	0.8

Size List, Maximum Permissible Ripple Current

µF	V	6.3	10	16	25	35	50	63	100
0.10							5×11	0.7	5×11
0.22							5×11	1.8	5×11
0.33							5×11	2.8	5×11
0.47							5×11	3.5	5×11
1.0							5×11	7.0	5×11
2.2							5×11	14	5×11
3.3							5×11	19	5×11
4.7					5×11	17	5×11	21	5×11
10				5×11	19	5×11	28	5×11	31
22			5×11	26	5×11	35	5×11	42	5×11
33	5×11	35	5×11	40	5×11	42	5×11	56	5×11
47	5×11	42	5×11	49	5×11	59	5×11	63	5×11
100	5×11	84	5×11	87	6.3×11	115	6.3×11	126	8×11.5
220	6.3×11	147	6.3×11	157	8×11.5	182	8×12.5	224	10×12.5
330	6.3×11	182	8×11.5	206	8×12.5	252	10×12.5	297	10×16
470	8×11.5	231	8×12.5	273	10×12.5	294	10×16	378	10×20
1000	10×12.5	392	10×16	434	10×20	518	12.5×20	658	12.5×25
2200	12.5×20	623	12.5×20	700	12.5×25	805	16×25	945	16×30
3300	12.5×20	756	12.5×25	910	16×25	1050	16×30	1120	18×35.5
4700	16×21	980	16×25	1085	16×30	1225	18×35.5	1330	
6800	16×25	1120	16×30	1260	18×35.5	1330			
10000	16×30	1225	18×35.5	1330					

Case size ; φ D×L (mm)
Maximum permissible ripple current ; (mA r.m.s.) at 120Hz, 105°C

Case size Maximum permissible ripple current

