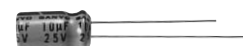


ME-HT Series For timer circuit

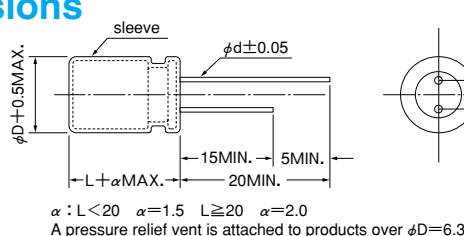


This series has very low leakage current to get stable time constant.
Stable performance in capacitance and leakage current.
Suitable for timer circuit.

Specifications

Items		Specifications			
Rated voltage (V)		10	16	25	50
Category temperature range (°C)		-40 to +85			
Capacitance tolerance (%)		±20 (M), ±10 (K) (120Hz/20°C)			
Tangent of loss angle (tan δ) (MAX.)		0.20	0.17	0.15	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 2 min.) (MAX.)		The greater value of either 0.002CV or 0.7			
Impedance (120Hz) ratio at low temperature (MAX.)	Z-25°C/Z20°C	3	2	2	2
	Z-40°C/Z20°C	7	6	4	3
Endurance 85°C 1000hrs rated voltage applied	ΔC/C	Within ±20% of the initial value			
	tan δ	≤ 1.5 times the initial standard			
	L.C.	≤ The initial standard			

Dimensions



(Unit : mm)

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

Size List, Maximum Permissible Ripple Current

μF \ V	10		16		25		50	
1.0							5×11	10
2.2					5×11	15	6.3×11	20
3.3					5×11	20	6.3×11	28
4.7			5×11	18	6.3×11	25	8×11.5	38
10	5×11	21	6.3×11	28	6.3×11	40	10×12.5	50
22	6.3×11	38	8×11.5	50	8×11.5	60	10×12.5	90
33	8×11.5	58	8×11.5	60	10×12.5	80	10×16	110
47	8×11.5	70	10×12.5	85	10×12.5	90	10×16	135
100	10×12.5	125	10×12.5	165	10×16	180	12.5×20	250
220	10×16	225	10×16	260	12.5×20	320	16×25	410
330	10×16	295	12.5×20	360	16×21	425	16×30	580
470	12.5×20	390	16×21	420	16×25	540		
1000	16×21	620	16×25	740	16×30	940		
2200	16×30	1000						

Case size ; φ D × L (mm)

Maximum permissible ripple current ; (mA r.m.s.) at 120Hz, 85°C

Model No. 16 ME 100 HT

16 : Capacitance symbol
 ME : Series code
 100 : Rated voltage
 HT : Type code

16 ME 100 HT K

16 : Capacitance symbol
 ME : Series code
 100 : Rated voltage
 HT : Type code
 K : Capacitance tolerance ± 10%