

Miniature Aluminum Electrolytic Capacitors

HT Series

Timer circuit use

HT series capacitors keep leakage current at a minimum, and deliver stable constant time. Even when stored for long periods of time, HT series capacitors deliver stable performance in capacitance and leakage current, and are thus ideal for use in timer circuits.

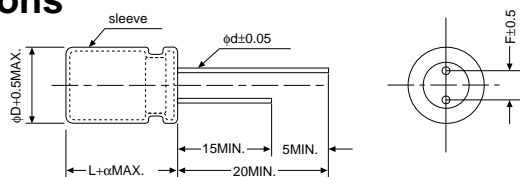


Specifications

Items		Specifications			
Rated voltage (V)		10	16	25	50
Operating temperature range (°C)		-40 to +85			
Capacitance tolerance (%)		±20 (M), ±10 (K) (120Hz)			
Tangent of loss angle (tan δ) (MAX.)		0.20	0.17	0.15	0.10
		0.02 to be added to the above value every time nominal capacitance exceeds 1000μF. (120Hz)			
Leakage current (L.C.)(μA/after 2min.)(MAX.)		The greater value of either 0.002V or 0.7			
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} /Z _{20°C}	3	2	2	2
	Z _{-40°C} /Z _{20°C}	7	6	4	3
High-temperature load 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			
Other characteristics		Conform to IEC 384-4			

Ripple current is shown on page 49.

Dimensions



A pressure relief vent is attached to products over φD=8
 α: L<20 α=1.5 L≥20 α=2.0

(unit : mm)

	5	6.3	8	10	12.5	16
φD	5	6.3	8	10	12.5	16
F	2.0	2.5	3.5	5.0	5.0	7.5
φd	0.5	0.5	0.6	0.6	0.6	0.8

Size List

(φD×Lmm)

μF \ V	10	16	25	50
1.0				5×11
2.2			5×11	6.3×11
3.3			5×11	6.3×11
4.7		5×11	6.3×11	8×11.5
10	5×11	6.3×11	6.3×11	10×12.5
22	6.3×11	8×11.5	8×11.5	10×12.5
33	8×11.5	8×11.5	10×12.5	10×16
47	8×11.5	10×12.5	10×12.5	10×16
100	10×12.5	10×12.5	10×16	12.5×20
220	10×16	10×16	12.5×20	16×25
330	10×16	12.5×20	16×21	16×30
470	12.5×20	16×21	16×25	
1000	16×21	16×25	16×30	
2200	16×30			

Model No. 16MV100HT
 100μF, nominal capacitance
 16V, rated voltage

16MV100HTK
 Capacitance tolerance ±10%
 100μF, nominal capacitance
 16V, rated voltage