

Low leakage current



HLB series capacitors keep leakage current at a minimum, and are therefore ideal for use in audio coupling circuits. Even when stored for long periods of time with no current, this series delivers stable performance.

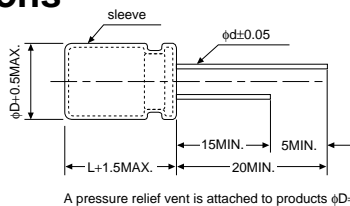


Specifications

Items		Specifications			
Rated voltage (V)		16	25	35	50
Operating temperature range (°C)		-40 to +85			
Capacitance tolerance (%)		±20 (M), ±10 (K)			(120Hz)
Tangent of loss angle (tan δ)(MAX.) (120Hz)	C≤10	0.10	0.10	0.10	0.10
	C>10	0.16	0.14	0.12	0.10
Leakage current (L.C.)(μA/after 2min.)(MAX.)		The greater value of either 0.002CV or 0.3			
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} C≤10	1.5			
	Z _{20°C} C>10	2			
	Z _{-40°C} C≤10	2.5			
	Z _{20°C} C>10	4			
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 φD=8

(unit : mm)

	5	6.3	8
φD	5	6.3	8
F	2.0	2.5	3.5
φd	0.5	0.5	0.6

Size List

(φD×Lmm)

μF \ V	16	25	35	50
0.10				5×11
0.22				5×11
0.33				5×11
0.47				5×11
1.0				5×11
2.2				5×11
3.3				5×11
4.7		5×11	5×11	6.3×11
10	5×11	5×11	6.3×11	8×11.5
22	6.3×11	6.3×11	8×11.5	
33	6.3×11	8×11.5		
47	8×11.5	8×11.5		
100	8×11.5			

Model No. 25MV10HLB
 10μF, nominal capacitance
 25V, rated voltage

25MV10HLBK
 10μF, nominal capacitance
 25V, rated voltage
 Capacitance tolerance ±10%