

Aluminum Electrolytic Type / Radial Lead Type

ME-HLB Series

Low leakage current

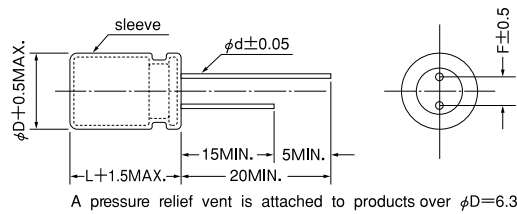
This series has very low leakage current.
 Suitable for coupling circuit of Hi-Fi application.
 Stable characteristics without load for long time.

Aluminum Electrolytic Capacitors

Specifications

Items		Specifications			
Rated voltage (V)		16	25	35	50
Category temperature range (°C)		-40 to +85			
Capacitance tolerance (%)		±20 (M)、±10 (K)			(120Hz/20°C)
Tangent of loss angle (tan δ) (MAX.) (120Hz/120°C)	Cn ≤ 10	0.10	0.10	0.10	0.10
	Cn > 10	0.16	0.14	0.12	0.10
Leakage current(L.C.)(μA/after 2min.)(MAX.)		The greater value of either 0.002 CV or 0.3			
Impedance (120Hz) ratio at low temperature (MAX.)	Z _{-25°C} Cn ≤ 10	1.5			
	Z _{20°C} Cn > 10	2			
	Z _{-40°C} Cn ≤ 10	2.5			
	Z _{20°C} Cn > 10	4			
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
F	2.0	2.5	3.5
φ d	0.5	0.5	0.6

Size List, Maximum Permissible Ripple Current

μF	V	16		25		35		50	
		2.2							5×11
3.3								5×11	28
4.7				5×11	25	5×11	30	6.3×11	38
10		5×11	28	5×11	40	6.3×11	45	8×11.5	50
22		6.3×11	50	6.3×11	60	8×11.5	75		
33		6.3×11	60	8×11.5	80				
47		8×11.5	85	8×11.5	90				
100		8×11.5	165						

Please refer to page 15 for the ripple current frequency coefficient.

Case size ; φ D×L (mm)

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

