SANYO

ME-HLB Series

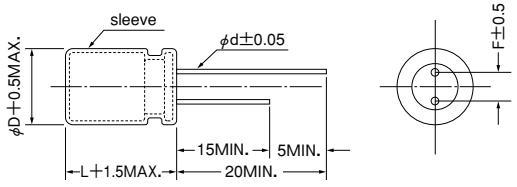
Low leakage current

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

Specifications

Items			Specifications			
Rated voltage (V)			16	25	35	50
Category temperature range (℃)			−40 to +85			
Capacitance tolerance (%)			±20 (M)、±10 (K)			(120Hz/20℃)
Tangent of loss angle (tanδ) (MAX.) (120Hz/120℃)	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.)	$Z_{-25℃}/Z_{20℃}$	Cn≤10	1.5			
		Cn>10	2			
	$Z_{-40℃}/Z_{20℃}$	Cn≤10	2.5			
		Cn>10	4			
Endurance 85℃ 1000hrs. rated voltage applied	△C/C		Within ±20% of the initial value			
	tan δ		≤ 1.5 times the initial standard			
	L.C.		≤ The initial standard			

Dimensions



A pressure relief vent is attached to products over φD=6.3

(Unit : mm)

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

Size List, Maximum Permissible Ripple Current

μF \ V	16		25		35		50	
0.10							5×11	1.0
0.22							5×11	2.5
0.33							5×11	4.0
0.47							5×11	5.0
1.0							5×11	10
2.2							5×11	20
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						

Case size ; φD×L (mm)

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

Model No. 25 ME 10 HLB
- Series code
- Capacitance symbol
- Type code
- Rated voltage

25 ME 10 HLB K
- Capacitance tolerance ±10%
- Series code
- Capacitance symbol
- Type code
- Rated voltage