



LBP Series 105°C 無極性水平偏向型系列

Features

- The BP series is designed for horizontal deflection current in TV sets where high frequency and high ripple current flows.
- Low dissipation factor at high frequency.

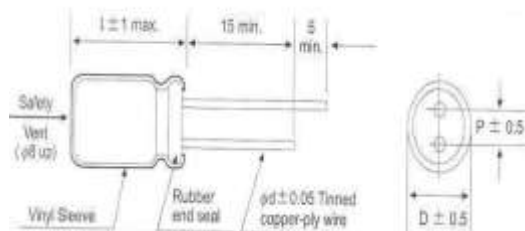
Specifications

Item	Performance Characteristics			
Operating Temperature Range	-40 to +105°C			
Rated voltage Range	25.50 VDC			
Capacitance Range	2.2 to 33 uF			
Capacitance Tolerance	±20%[120Hz +20 °C]			
Leakage Current[+20°C.max.]	After 5 minutes application of working voltage, leakage current is 100uA or less.			
Dissipation Factor[tan δ]	0.05 MAX measured at 120 Hz, 20°C			
Low Temperature Characteristics [120Hz]	Measurement Frequency: 120Hz.			
	Rated Voltage (V)	25	35	50
	Z (-25°C) / Z(20°C)	3	3	3
	Z (-40°C) / Z(20°C)	4	4	4
Load Life	Test conditions Duration time :2000Hrs Ambient temperature: +105 °C Applied voltage: Rated DC working voltage After test requirements at +20 °C Capacitance change : ≤± 15% of the initial measured value Dissipation factor: ≤150% of the initial specified value Leakage current: ≤The initial specified value			
Shelf Life	Test conditions Duration time :500 Hrs Ambient temperature :+105 °C Applied voltage: None After test requirements at +20 °C : Some limits as Load life. Pre-treatment for measurements shall be conducted after application of DC working voltage for 30 minutes.			

Multiplier for ripple current vs Temperature

Temperature °C	45	60	85	95	105
Multier	2.10	1.90	1.65	1.25	1.00

Diagram of Dimensions;[unit:mm]



DΦ	10	13	16	18	22	25
F	5.0	5.0	7.5	7.5	10.0	12.5
dΦ	0.6		0.8		1.0	

DIMENSIONS

D x L (mm); R.C.: A(p-p) 15.75KHz at 105°C; E.S.R.(Ω) at 20°C,120Hz.

Cap (uF)	WV (V) Item	25			35			50		
		D x L	R.C.	E.S.R	D x L	R.C.	E.S.R	D x L	R.C.	E.S.R
2.2		10X20	3.2	30.20	13X25	3.5	30.20	13X25	3.5	30.20
2.7		13X21	4.0	24.23	13X25	5.0	24.23	13X25	5.0	24.23
3.3		13X21	4.5	20.12	16X26	6.0	20.12	16X26	6.0	20.12
4.7		13X21	5.5	14.30	16X26	7.0	14.30	16X26	7.0	14.30
5.6		13X25	6.6	9.80	16X32	7.0	9.80	16X32	7.0	9.80
6.8		16X26	7.2	8.10	16X36	8.0	8.10	16X36	8.0	8.10
8.2		16X26	7.7	7.05	16X36	9.0	7.05	18X35	9.5	7.05
10		16X32	10.0	5.60	18X35	12.0	5.60	18X35	13.0	5.60
12		16X36	10.0	3.70	18X35	12.0	3.70	18X40	12.5	3.70
15		18X35	11.0	2.55	18X35	12.5	2.55	18X40	13.5	2.55
18		22X40	13.0	1.75	22X40	13.0	1.75	22X40	14.0	1.75
22		22X40	13.0	1.21	22X40	13.0	1.21	25X40	14.5	1.21
27		22X40	13.0	0.83	22X40	13.0	0.83			
33		25X40	14.0	0.57						