

FEATURESS

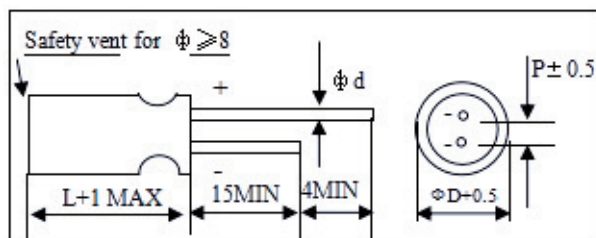
- 1、 The BP series is designed for horizontal deflection current in the TV sets where high frequency and high ripple current flows
- 2、 Small dissipations factor at high frequency.

SPECIFICATIONS

Item	Performance Characteristics						
Operating Temperature Range	-40to +105℃						
Rated Working voltage Range	25 50 63V						
Nominal Capacitance Range	1~47(uF)						
Capacitance Tolerance	±20%（120Hz, +20℃）						
Leakage Current	I≤100(uA)max After 5 seconds application of rated working voltage at +20℃						
Dissipation Factor tan δ (120Hz+20℃)	Less than 0.05						
Low Temperature Characteristics	Impedance ratio max.at 120Hz						
	Working voltage(V)		25 50 63				
	Z-25℃/Z+20℃		2				
	Z-40℃/Z+20℃		4				
Multiplier for Ripple Current vs. Temperature							
	Temperature℃	45	60	70	85	95	105
	Multiplier	2. 10	1. 90	1. 65	1. 40	1. 25	1. 00
High temperature Loading	Test following specification shall satisfied when the capacitors are restored to +20℃ after the rated voltage applied for 2000 hours at 105℃ Leakage current						

CASE SIZE TABLE

Unit:mm



D ϕ	10—13	16—18	22
P	5.0	7.5	10
d ϕ (± 0.05)	0.6	0.8	

DIMENSIONS

φ D×L(mm)

WV(SV)		25V(32)		50V(63)		63V(79)	
Cap.(uF)	Code	1E		1H		1J	
1.0	105	10×20	1.8	10×20	1.8	10×20	1.8
2.2	225	13×20	2.3	13×25	3.3	13×25	3.3
3.3	335	13×20	4.5	13×25	4.5	13×25	4.5
4.7	475	13×20	6.0	16×30	6.0	16×30	6.0
5.6	565	16×25	6.6	16×35	6.6	16×35	6.6
6.8	685	16×25	7.0	16×35	7.0	16×35	7.0
10	106	16×25	7.7	16×35	7.7	16×35	7.7
12	126	16×25	8.0	16×35	8.0	16×35	8.0
15	156	16×30	8.6	18×40	8.6	18×40	8.6
18	186	16×35	9.0	18×40	9.0	18×40	9.0
22	226	22×40	12.0	22×40	12.0	22×40	12.0
27	276	22×40	12.0	22×40	12.0	22×40	12.0
39	336	22×40	12.0	22×40	12.0	22×40	12.0
47	476	22×40	12.0	22×40	12.0	22×40	12.0

Case size Allowable ripple
Allowable Ripple (mA rms) at 105℃ 15.7KHz