BP series

+105℃,Bi-Polarized(TV 水平偏向电流补正)

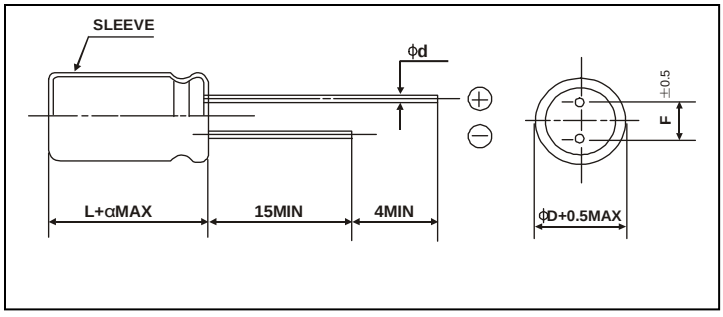
◆ FEATURES

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

◆ SPECIFICATIONS

Items	Characteristics
Category Temperature Rance	-40~+105℃
Rated Voltage Range	25/50/100V.DC
Nominal Capacitance Rance	1~47μ F
Capacitance Tolerance	±20%(120Hz,+20℃)
Leakage Current(MAX)	I=100(uA) after 2 minutes whichever is greater measured with rated working voltage at 20℃
Dissipation Factor(MAX) Tanδ (20℃,120Hz)	Less than 0.05
Load Life	The following specification shall be satisifed when the capacitors are restored to +20℃ after 2000 Hours application of DC on which the maximum Allowale ripple current is superimposd at 105℃ Post test requirements at +20℃ Leakage current:≤Initial specified value Cap.change :within ±20% of initial value Tanδ : ≤200% of initial specified value
Shelf Life	Test conditions Duration :1000hours Ambient temp. : +105℃ Applied voltage :(None) Post test requirements at +20℃ Leakage current:≤100 uA Cap.change :within ±20% of initial value Tanδ : ≤150% of initial specified value
Other	JISC-5141 EIAJ RC-2372

◆ CASE SIZE TABLE



ΦD	10	13	16	18	22	25
F	5.0	5.0	7.5	7.5	10	12.5
Φd	0.6		0.8			1.0
α	L≤16:α =1.5		L≥20:α =2.0			

◆ STANDARD RATINGS

size:ΦD×L(mm)

Voltage / Code / Cap(μF)		25V		50V		100V	
		1E		1H		2A	
1	105	10×20	1.0	10×20	1.0	10×20	1.0
2.2	225	13×21	1.3	13×25	1.8	13×25	1.8
3.3	335	13×21	2.5	13×25	2.5	13×25	2.5
4.7	475	13×21	3.4	16×30	3.4	16×30	3.4
5.6	565	16×25	3.7	16×35	3.7	16×35	3.7
6.8	685	16×25	3.9	16×35	3.9	16×35	3.9
10	106	16×25	4.3	18×35	4.3	18×35	4.3
12	126	16×25	4.5	18×35	4.5	18×35	4.5
15	156	16×30	4.8	18×40	4.8	18×40	4.8
18	186	16×35	5.1	18×40	5.1	18×40	5.1
22	226	22×40	6.7	22×40	6.7	22×40	6.7
27	276	22×40	6.7	22×40	6.7	22×40	6.7
33	336	22×40	6.7	22×40	6.7	22×40	6.7
39	396	22×40	6.7	22×40	6.7	22×40	6.7
47	476	22×40	6.7	22×40	6.7	22×40	6.7

Maximum Allowable Ripple Current(A rms) at 70˚C 15.75KHz