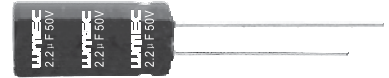


BP For Speaker Networks Series

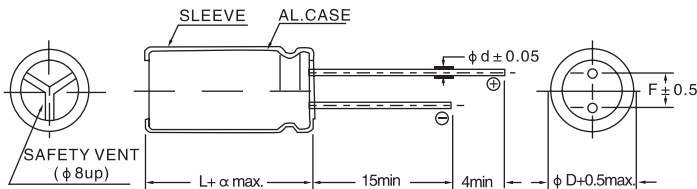
- Non-polarized series for crossover networks in Hi-Fi sound systems
- Excellent frequency characteristics
- Close capacitance tolerance
- Extended voltage range of 25V, 50V, 100V, 200V



• SPECIFICATIONS

Item	Characteristics		
Operating Temperature Range	-25~+85°C		
Rated Working Voltage Range	25,50,100,200V.DC		
Capacitance Tolerance	± 10% ± 20%at 1KHz.25°C		
Leakage Current (max.)	I=0.03CV or 4 μ A whichever is greater after 5 minutes		
	I: Leakage Current (μ A) C: Nominal Capacitance(μ F) V:Rated Working Voltage (V)		
Dissipation Factor (tan δ) (at 1KHz, 25°C) (max.)	Frequency	25WV,50WV,100WV	200WV
	1KHZ	0.10	0.12
	5KHZ	0.15	0.30
Load Life	After 1000 hours application of W. V. at 85°C, the capacitor shall meet the following limits.		
	Capacitance Change	≤ ± 20% of the initial measured value.	
	Dissipation Factor	≤ 200% of the initial specified value.	
	Leakage current	≤ the initial specified value.	
	Test method	Polarity reverse every 250 hours	
Shelf Life(at 85°C)	After 1000 hours of no load test, leakage current, capacitance and tan δ are same as load life value.		
Reference Standard	JISC - 5141		

• DRAWING(Unit:mm)



φ D	8	10	13	16	18	22	25
F	3.5	5.0	5.0	7.5	7.5	10.0	12.5
φ d	0.5	0.6	0.6	0.8	0.8	1.0	1.0
α	1.0	1.5				2.0	

• DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

Cap.(μF)	WV	25		50		100		200	
		SIZE	R.C.	SIZE	R.C.	SIZE	R.C.	SIZE	R.C.
1.0		8×12	67	8×12	67	10×17	100		
1.5		8×12	82	8×12	82	10×17	125		
2.2		10×12	114	10×12	114	10×17	150		
3.3		10×12	139	10×12	139	10×17	185		
4.7		10×12	166	10×12	166	10×17	225		
6.8		10×17	222	10×17	222	10×20	275		
10		10×20	297	10×20	297	13×21	340	16×26	403
15		10×20	364	10×20	364	13×21	420	16×31	540
22		10×20	440	10×20	440	13×25	543	16×36	687
33		13×21	678	13×21	678	16×26	737	16×40	884
47		13×25	890	13×25	890	16×31	790	18×40	920
68				16×31	950	16×36	983	22×40	1218
100				16×36	1170	16×40	1253	25×40	1614
↑↑↑↑↑ Ripple current (m A rms) at 85°C,120Hz 1 k Hz Case size φ D × L(mm)									