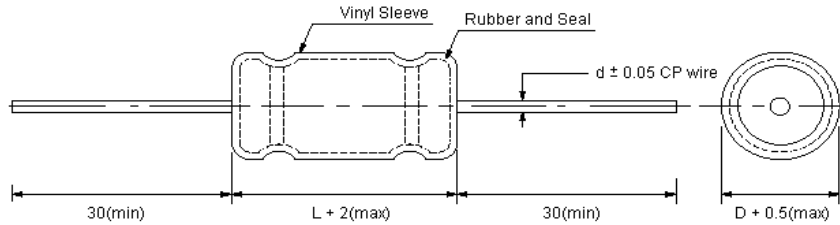


■ **FEATURES**

- ◆ 1000Hz bipolar, excellent high frequency response characteristics
- ◆ Load life of 1000 hours at 85°C
- ◆ Applications for use in crossovers networks in Hi-Fi speaker systems

■ **OUTLINE**



■ **SPECIFICATIONS**

Items	Characteristics		
Capacitance Tolerance (120Hz, 25°C)	± 20% (M)		
Rated Working Voltage Range	63 ~ 100Vdc		
Operation Temperature	-40°C ~ +85°C		
Leakage Current (25°C)	(Value measured 5 minutes after applying rated voltage)		
	I ≤ 0.01CV or 3 (uA)		
	◆ I : Leakage Current (uA)	◆ C : Rated Capacitance (uF)	◆ V : Working Voltage (V)
Surge Voltage (25°C)	W.V.	63	100
	S.V.	79	125
Dissipation Factor (120Hz, 25°C)	W.V.	63	100
	tan δ	0.10	
Temperature Characteristics	W.V.	63	100
	- 25°C / + 25°C	4	4
	- 40°C / + 25°C	6	6
	◆ Impedance ratio at 120Hz		
Load Test	After 1000 hours application of WV at +85°C, the capacitor shall meet the following limits:		
	Capacitance Change	≤ ± 20% of initial value	
	tan δ	≤ 200% of initial specified value	
	Leakage Current	≤ initial specified value	
Shelf Test	After 500 hours, no voltage applied at +85°C, the capacitor shall meet the following limits:		
	Capacitance Change	≤ ± 25% of initial value	
	tan δ	≤ 200% of initial specified value	
	Leakage Current	≤ 200% of initial specified value	



■ **DIMENSIONS**

D x L (mm)

uF	WV	63		100	
		D	L	D	L
1		8	17	13	27
1.5		8	17	13	27
2.2		8	17	13	27
3.3		8	17	13	27
4.7		8	17	13	27
5.6		8	17	13	27
6.8		8	17	13	27
8.2		8	17	13	27
10		10	19	13	27
15		10	19	13	27
22		13	27	16	27
33		13	27	16	34
47		13	27	16	34
68		13	27	16	34
100		13	30	18	40

■ **PERMISSIBLE RIPPLE CURRENT**

RC: mA (rms) at 1KHz 85°C
 ESR: Ω (ohm) at 1KHz 25°C

uF	WV	63		100	
		RC	IMP	RC	IMP
1		86	15.9	90	15.9
1.5		95	10.6	100	10.6
2.2		125	7.23	135	7.23
3.3		155	4.82	165	4.82
4.7		180	3.38	195	3.38
5.6		210	2.84	230	2.84
6.8		230	2.34	270	2.34
8.2		260	1.94	290	1.94
10		310	1.59	360	1.59
15		360	1.05	560	1.05
22		520	0.72	580	0.72
33		610	0.48	760	0.48
47		730	0.336	860	0.336
68		950	0.228	1080	0.228
100		1400	0.156	1640	0.156