

BP Series

The BP series is designed for high frequency and high ripple current circuits, such as horizontal deflection in T.V. or Monitors. Small dissipation factor at high frequency.

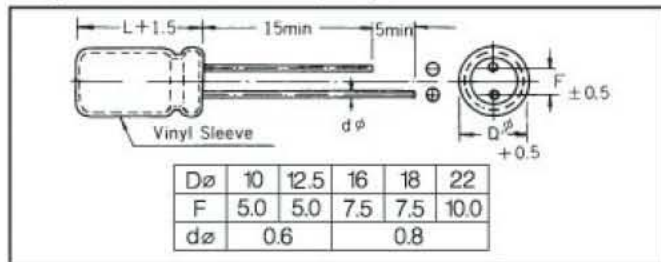


Violet

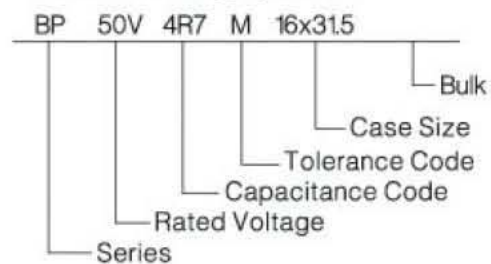
Characteristics

Voltage Range	25 - 50V	
Capacitance Range	1 - 47 uF	
Temperature Range	-40 - + 85°C	
Capacitance Tolerance	-10 - +10% (at 20°C, 120Hz)	
Leakage Current	I=100 (uA) max. (After 5 minutes)	
Dissipation Factor (tan δ)	Less than 0.05 (at 20°C, 120Hz)	
Low Temperature Stability	Impedance ratio at 120Hz	
	Rated voltage	25-50V
	Z-25°C/Z20°C	2
	Z-40°C/Z20°C	4
Load Life	After 1000 hours application of rated voltage at 85°C the capacitor shall meet the following characteristics	
	Capacitance change	Within ±15% of initial value
	D.F. (tan δ)	150% or less of initial specified value
	Leakage current	initial specified value or less

Diagram of Dimensions (mm)



Part Numbering System



Case Size of Standard Products

DxL (mm)

uF \ WV	25	35	50
1	10x20	10x20	10x20
2.2	12.5x25	12.5x25	12.5x25
3.3	16x25	16x25	16x25
4.7	16x31.5	16x31.5	16x31.5
5.6	16x35.5	16x35.5	16x35.5
6.8	18x35.5	18x35.5	18x35.5
8.2	18x35.5	18x35.5	18x35.5
10	18x40	18x40	18x40
12	18x40	18x40	18x40
15	18x40	18x40	18x40
18	22x40	22x40	22x40
22	22x40	22x40	22x40
27	22x40	22x40	22x40
33	22x40	22x40	22x40
39	22x40	22x40	22x40
47	22x40	22x40	22x40

Maximum Ripple Current (A p-p 85°C 15.75KHz)

uF \ WV	25	35	50
1	3.0	3.0	3.0
2.2	4.0	4.0	4.0
3.3	5.0	5.0	5.0
4.7	6.0	6.0	6.0
5.6	6.6	6.6	6.6
6.8	7.0	7.0	7.0
8.2	7.7	7.7	7.7
10	8.0	8.0	8.0
12	8.6	8.6	8.6
15	9.0	9.0	9.0
18	12.0	12.0	12.0
22	12.0	12.0	12.0
27	12.0	12.0	12.0
33	12.0	12.0	12.0
39	12.0	12.0	12.0
47	12.0	12.0	12.0