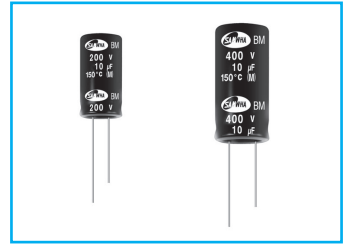


## BM For PSU, 2000 hours at 150°C Series

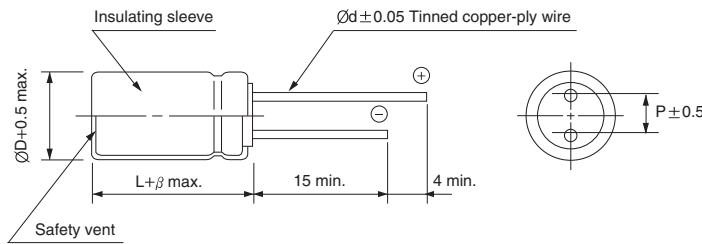
- High reliability withstanding 2000 hours load life at 150°C
- Suitable for compact energy saving lamp
- Complied to the RoHS directive



Item	Characteristics				
Operating temperature range	-25 ~ +150°C				
Leakage current max.	I = 0.03CV or 4µA (after 5 minutes)				
Capacitance tolerance	±20% at 120Hz, 20°C				
Dissipation factor max. (at 120Hz, 20°C)	Rated Voltage(V)	160	200	350	400
	tanδ	0.20	0.20	0.24	0.24
Low temperature characteristics (Impedance ratio at 120Hz)	WV	160	200	350	400
	Z-25°C/Z+20°C	3	3	6	6
Load life	After an application of DC bias voltage plus the rated AC ripple current for 2000 hours at 150°C. The measurement shall meet the following limits. The DC voltage plus the peak AC voltage combined must not exceed the rated voltage.				
	Leakage current	Less than specified value			
	Capacitance change	Within ±20% of initial value			
	tanδ	Less than 200% of specified value			
Shelf life (at 150°C)	After 1000 hours no load test, leakage current, capacitance and tanδ are same as load life value. The measurement shall be performed at 20°C by the KS C IEC 60384 - 4				

### ● DRAWING

Unit : mm



ØD	10	12.5
P	5.0	5.0
Ød	0.6	0.6
β	2.0	

### ● DIMENSIONS & MAXIMUM PERMISSIBLE RIPPLE CURRENT

µF \ WV	160		200		350		400	
2.2					10 × 12.5	36	10 × 16	42
3.3					10 × 12.5	48	10 × 16	50
4.7					10 × 16	77	10 × 20	83
5.6					10 × 20	100	12.5 × 20	97
10	10 × 12.5	110	10 × 16	83	12.5 × 25	120	12.5 × 25	105
22	10 × 20	160	10 × 20	170	↑ Case size ØD × L (mm) ← Ripple current (mA rms) at 150°C, 120Hz			
33	12.5 × 20	230	12.5 × 20	210				
47	12.5 × 25	250	12.5 × 25	240				

### ● FREQUENCY COEFFICIENT OF PERMISSIBLE RIPPLE CURRENT

Frequency	60Hz	120Hz	1kHz	10kHz	50kHz	100kHz ≤
Coefficient	0.75	1.00	1.50	1.75	1.77	1.80