

**RB 系列**  
SERIES

For switch-power supply systems, Electronic Ballast, industrial control, telecommunication



◆ **特长 FEATURES**

- 具有非常优越的耐纹波能力和低阻抗特性  
Very excellent ripple current ability and low impedance
- 保证时间: 105°C 8000~1000小时  
Load life: 105°C 8000~10000 Hrs

◆ **特性表 SPECIFICATIONS**

项 目 Item	特 性 Characteristics	
使用温度范围 Operating Temperature Range	-40 ~ +105°C	
额定电压范围 Rated Voltage Range (WV)	160Vdc ~ 250Vdc	
静电容量允许偏差 Capacitance Tolerance	± 20% (M) (at 20°C, 120Hz)	
漏电流 (I) DC Leakage Current	I ≤ 0.03CV+10 (μA) (at 20°C) (施加额定电压2分钟后测试 After 2 minutes application of rated voltage)	
损耗角正切值 (TANδ) Dissipation Factor	额定电压 (Vdc) Rated Voltage	160 ~ 450
	TANδ	0.15
温度特性 Temperature Characteristics	阻抗比 (120Hz) Impedance ratio at 120Hz: 200Vdc ~ 250Vdc, Z-25°C / Z20°C = 3 MAX. 350Vdc ~ 450Vdc, Z-25°C / Z20°C = 6 MAX.	
高温负荷特性 Load Life	105°C加额定电压8000~10000小时后满足如下要求: (φ8~φ10:8000HRS) After 8000~10000 hours application of rated voltage at 105°C φ13~φ18,10000HRS	
	静电容量变化率 Capacitance Change	初期值的±20%以内 Within ±20% of the initial value
	损耗角正切值 (TANδ) Dissipation Factor	规格值的200%以内 Not more than 200% of the specified value
	漏电流 (I) Leakage Current	规格值以下 Not more than the specified value
高温无负荷特性 Shelf Life	+105°C 1000小时无负荷放置后, 特性应满足高温负荷特性 After storage for 1000 Hrs at +105°C with no voltage applied, the capacitor shall meet the specified limits for "Load Life"	
其他 Others	执行 JIS C 5141 JIS C 5141	

◆ **纹波电流修正系数/MULTIPLIERFORRIPPLECURRENT**

WV. (V. DC)	120HZ	1KHZ	1~30KHZ	30~100KHZ
160~250V	0.55	0.85	0.90	1.00
350~450V	0.50	0.80	0.90	1.00

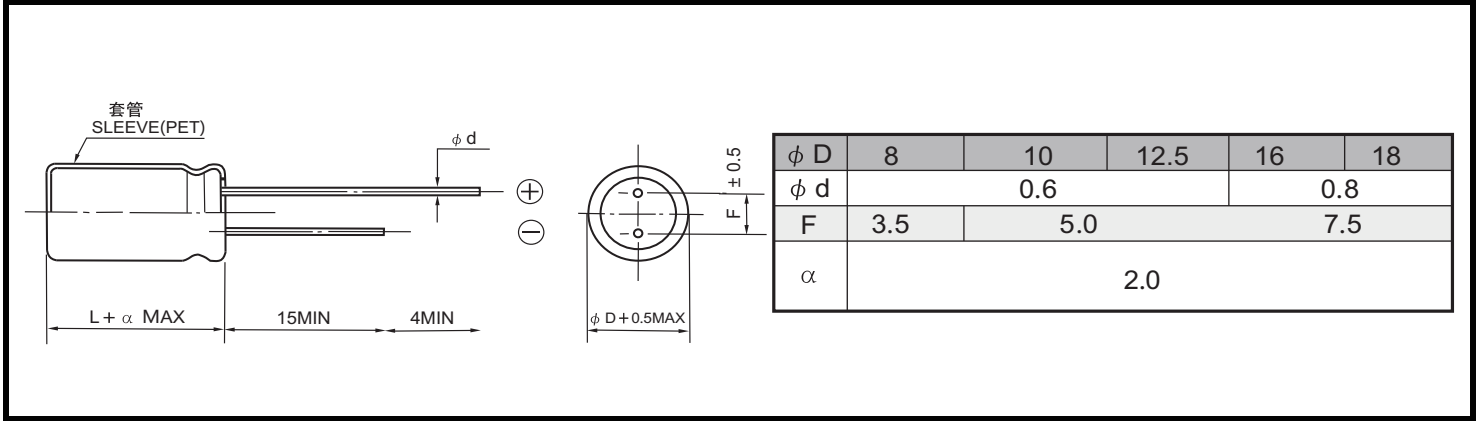
◆ **产品型号体系/PARTNUMBER**

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	静电容量 Capacitance			系列名 Series	额定电压 Rated Voltage			直径尺寸 φD		高度尺寸 High size			副记号 Option	引线加工 Lead Forming		

容量允许偏差  
Capacitance Tolerance

◆ 尺寸图/DIMENSIONS

(mm)



◆ 标准品一览表/STANDARD SIZE

(mA) r.m.s (100KHz/+105°C)

WV. (VDC) CAP. ( $\mu F$ )	160 (2C)		200 (2D)		250 (2E)		350 (2V)	
	1 (010)							
1.5 (1R5)								
2.2 (2R2)								
3.3 (3R3)							10 × 12.5	130
4.7 (4R7)			10 × 12.5	120	10 × 12.5	130	10 × 16	400
10 (100)	10 × 16	330	10 × 16	330	10 × 16	400	10 × 20	350
15 (150)	10 × 20	500	10 × 20	600	10 × 20	600	13 × 20	400
22 (220)	10 × 20	500	10 × 20	600	13 × 20	680	13 × 20	480
33 (330)	10 × 20	580	10 × 20	650	13 × 20	710	16 × 20	640
47 (470)	10 × 20	750	13 × 20	790	13 × 25	720	16 × 25	800
					16 × 20	990	18 × 20	800
68 (680)	13 × 20	950	13 × 25	950	16 × 20	1000	16 × 31.5	1100
			16 × 20	1000			18 × 25	1000
82 (820)	13 × 25	1060	16 × 20	1100	16 × 25	1200	18 × 25	1100
					18 × 20	1200		
100 (101)	13 × 25	1170	16 × 25	1300	16 × 31.5	1500	18 × 31.5	1200
	16 × 20	1280	18 × 20	1280	18 × 25	1500		
150 (151)	16 × 25	1400	16 × 25	1400	18 × 31.5	1800		
	18 × 20	1400						
220 (221)	16 × 31.5	1700	18 × 31.5	2000	18 × 40	2100		
	18 × 25	1500	18 × 40	2400				
330 (331)	18 × 31.5	2000					Case Size	Ripple

◆ 标准品一览表 / STANDARD SIZE

(mA) r. m. s (100KHz/+105°C)

CAP · (μF)	VV (V DC)	400 ( 2G )		450 ( 2W )	
		Case	Size	Case	Size
1 (010)		8 × 12	130	8 × 12	130
1.5 (1R5)		8 × 16	180	8 × 16	150
1.8 (1R8)		8 × 16	200	8 × 16	170
2.2 (2R2)		8 × 16	200	10 × 16	180
		10 × 12.5	150		
2.7 (2R7)		10 × 16	200	10 × 20	200
3.3 (3R3)		10 × 16	200	10 × 20	220
4.7 (4R7)		10 × 20	300	10 × 20	230
5.6 (5R6)		10 × 20	380	10 × 20	240
6.8 (6R8)		10 × 20	400	13 × 20	350
8.2 (8R2)		10 × 20	430	13 × 20	490
10 (100)		13 × 20	580	13 × 20	490
15 (150)		13 × 20	580	13 × 25	780
22 (220)		13 × 25	760	16 × 20	945
		16 × 20	860		
33 (330)		16 × 25	1180	18 × 25	1200
47 (470)		16 × 31.5	1470	18 × 31.5	1380
		18 × 25	1470		
68 (680)		18 × 31.5	1645		
82 (820)		18 × 40	2040	Case	Size
					Ripple