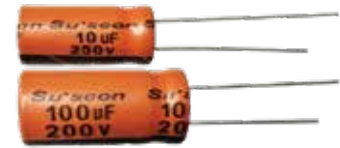


HB series

sales016@heyuecap.com

- 105°C high-temperature resistance, high ripple current and long life.
- 5000hours load life.
- Suitable for LED and electronic rectifier.
- RoHS Compliance
- 105°C耐高溫、高紋波、長壽命。
- 壽命5000小時。
- 適用於節能燈與電子整流器。



SPECIFICATIONS

Items 項目	Characteristics 特性						
Capacitance Tolerance 靜電容量誤差	± 20%(120Hz,20℃)						
Operating Temperature Range 適用溫度範圍	-40 ~ +105℃				-25 ~ +105℃		
Rated Voltage Range 額定電壓範圍	160 ~ 400VDC				450VDC		
Leakage Current 洩漏電流	I≤0.02CV +10 (μA) which is greater.(After 2 minutes application of DC rated voltage, at 20 ℃)				I≤0.03CV +10 (μA) (After 2 minutes application of DC rated voltage, at 20 ℃)		
Dissipation Factor 散逸因素(tan δ)	Measurement Frequency: 120Hz. Temperature: 20℃						
	Rated Voltage(V)	160	200	250	350	400	450
	tan δ(Max)	0.15	0.15	0.15	0.15	0.20	0.20
Low Temperature Stability 低溫特性 Impedance Ratio(Max) 阻抗比率(最大值)	Measurement Frequency: 120Hz.						
	Rated Voltage(V)	160	200	250	350	400	450
	Z(-25℃)/Z(20℃)	3	3	3	5	5	6
	Z(-40℃)/Z(20℃)	6	6	6	6	6	-
Load Life 負荷壽命	The following specifications shall be satisfied when the capacitors are restored to 20℃ after subjected to DC voltage with the rated ripple current is applied for 5,000 hours at 105℃.						
	Capacitance Change		Within ± 20% of Initial Value				
	tan δ		200% or less of Initial Specified Value				
	Leakage Current		Initial Specified Value or less				
Shelf Life 放置壽命	The following specifications shall be satisfied when the capacitors are restored to 20℃ after exposing them for 1,000 hours 105℃ without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to them 4.1 of JIS C5101-4.						
	Capacitance Change		Within ± 20% of Initial Value				
	tan δ		200% or less of Initial Specified Value				
	Leakage Current		500% or less of Initial Specified Value				
Standards 參照標準	IEC 60384-4(JIS C 5101-4)						

Frequency Coefficient of Permissible Ripple Current

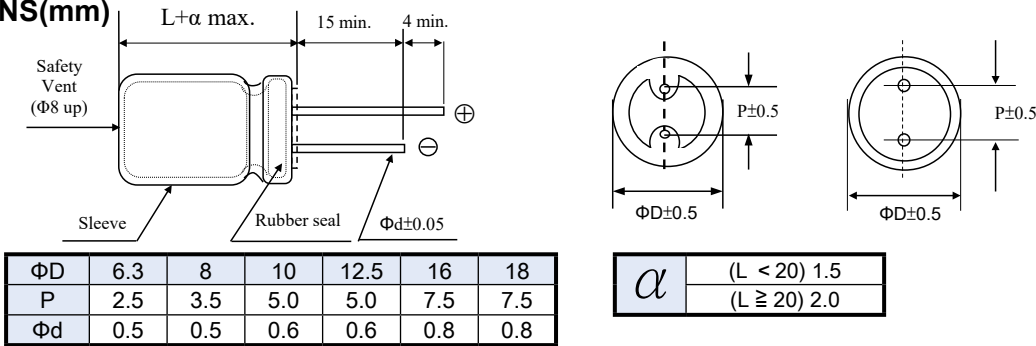
Rated Voltage (V)	Frequency (Hz)			
	120	1K	10K ~ 20K	30K ~ 100K
160 ~ 250	0.55	0.85	0.90	1.00
350 ~ 450	0.50	0.80	0.90	1.00

HB

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DIMENSIONS(mm)



STANDARD RATINGS

DxL(mm), R.C.(mA rms) at 105°C 100kHz.

Cap (μF)	V	160		200		250	
	Item	D x L	R.C.	D x L	R.C.	D x L	R.C.
2.2		6.3x11	60	8x11.5	68	8x11.5	70
3.3		8x11.5	72	8x11.5	75	8x11.5	80
4.7		8x11.5	75	8x11.5	80	10x12.5	85
5.6		8x11.5	80	8x15	85	10x12.5	90
6.8		8x11.5	90	8x15	95	10x12.5	100
8.2		8x11.5	95	8x15	110	10x16	130
10		8x11.5	100	10x16	180	10x20	200
15		10x16	210	10x16	230	10x20	260
22		10x20	300	10x20	330	10x20	380
33		10x20	330	12.5x20	400	12.5x25	450
47		12.5x20	400	12.5x20	450	12.5x25	520
68		12.5x25	490	16x25	560	16x31.5	630
82		12.5x25	550	16x25	640	16x31.5	700
100		16x25	680	16x25	720	18x31.5	830
150		16x31.5	930	16x36	1030	18x35.5	1230
220		18x31.5	1050	18x35.5	1250	18x40	1340

Cap (μF)	V	350		400		450	
	Item	D x L	R.C.	D x L	R.C.	D x L	R.C.
1		8x11.5	43	8x15	50	8x15	60
1.5		8x11.5	45	10x12.5	53	10x16	63
2.2		8x11.5	53	10x12.5	63	10x16	70
3.3		10x12.5	80	10x16	90	10x16	95
4.7		10x16	90	10x16	100	10x20	105
5.6		10x16	100	10x16	108	10x20	110
6.8		10x20	130	10x20	155	12.5x20	160
8.2		12.5x20	160	12.5x20	190	12.5x20	220
10		12.5x20	190	12.5x20	230	12.5x20	250
15		12.5x25	230	12.5x25	250	12.5x25	300
22		16x25	300	16x25	380	16x31.5	430
33		16x25	350	16x31.5	430	16x36	560
47		16x36	480	18x26	580	18x31.5	630
68		18x26	560	18x31.5	650	18x35.5	780
82		18x31.5	730	18x35.5	800	18x40	950
100		18x35.5	840	18x40	930		

HB