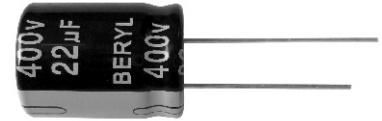


JE Series

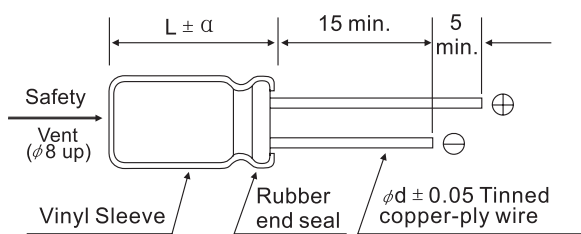
- Endurance with ripple current : 105°C 20,000 hours or 130°C 4,000 hours
- Especially designed for electronic ballast
- RoHS Compliant



■ 規格表 SPECIFICATIONS

項目 Items	特性參數 Characteristics			
使用溫度範圍 Category Temperature Range	-40 ~ +130°C (160 ~ 450V)			
額定工作電壓範圍 Rated Voltage Range	160 ~ 450V			
靜電容量允許偏差 Capacitance Tolerance	±20%(M) (at 20°C, 120Hz)			
漏電流 Leakage Current	Time	After 2minute 2分鐘讀數		after application of rated Voltage for 2 minutes. 施加工作電壓2分鐘後讀數。 I:漏電流 (µA)、C: 靜電容量 (µF)、額定電壓 (V)
	WV	I ≤ 0.02CV + 10		
	WV=160~400 WV=450	I ≤ 0.03CV + 10		
損耗角正切值 tan δ Dissipation Factor	Rated voltage(V)	160~400	450	(at 20°C, 120Hz)
	tan δ (Max)	0.08	0.10	
低溫特性 Low Temperature Characteristics (Max. Impedance Ratio)	電容器120HZ下的阻抗比值下不應超過下表所列出的值			
	Rated voltage(V)	160~250	350~400	450
	Z(-25°C)/Z(+20°C) Z(-40°C)/Z(+20°C)	3 6	5 6	6 -
耐久性 Endurance	施加額定工作電壓和最大允許紋波電流，經恢復20°C後測試產品性能應滿足以下要求 The following specifications shall be satisfied when the capacitors are restored at 20°C after subjected to DC voltage with the rated ripple current is applied .			
	Capacitance change	≅ ±20% of the initial value		
	D.F.(tan δ) Leakage current	≅ 200% of the specified value ≅ The specified value		
高溫儲存特性 Shelf Life	105°C存放1000小時，經恢復20°C後測試產品性能應滿足以下要求 The following specifications shall be satisfied when the capacitors are restored at 20°C after exposing "them for 1000 hours at 105°C without voltage applied."			
	Capacitance change	≅ ±20% of the initial value		
	D.F.(tan δ) Leakage current	≅ 200% of the specified value ≅ 500% of the specified value		

■ 外形圖 DIMENSIONS (mm)



ΦD	8	10~13	16~18	20~22
P	3.5	5.0	7.5	10
Φd	0.5	0.6	0.8	0.8

α	(L < 20) 1.5
	(L ≥ 20) 2.0

■ 紋波電流補正係數 RATED RIPPLE CURRENT COEFFICIENT

- 頻率係數 Frequency Coefficient

Frequency(Hz)	120	1K	10K	100K
	0.50	0.80	0.90	1.00

JE Series

■ 尺寸與最大紋波電流一覽表 STANDARD RATINGS

WV(V) Cap(μF)	160(2C)		200(2D)		250(2E)		350(2V)		400(2G)		450(2W)										
1.0												8 × 12	50	10 × 13	55						
1.5												10 × 13	55	10 × 13	65						
1.8												10 × 16	60	10 × 16	70						
2.2														8 × 12	65	10 × 16	72	10 × 16	75	10 × 16	80
2.8														8 × 12	65	10 × 13	70	10 × 16	75	10 × 16	81
3.3	8 × 12	69	8 × 12	75	10 × 13	78	10 × 16	85	10 × 16	90	10 × 20	95									
4.7	10 × 13	77	10 × 13	80	10 × 16	90	10 × 20	100	10 × 20	105	10 × 20	110									
5.6	8 × 16	80	8 × 16	85	10 × 16	90	10 × 20	120	13 × 20	125	13 × 20	135									
6.8	8 × 16	87	8 × 16	95	10 × 16	95	10 × 20	175	13X21	185	13 × 20	195									
8.2	10 × 16	97	10 × 16	170	10 × 16	105	13 × 20	190	13 × 20	210	13 × 25	225									
10	10 × 16	200	10 × 16	200	10 × 20	225	13 × 20	225	13 × 20	230	13 × 25	240									
15	10 × 16	328	10 × 20	335	10 × 20	355	13 × 25	235	13 × 25	255	16 × 26	360									
22	10 × 20	405	10 × 20	395	13 × 20	475	16 × 26	275	16 × 26	345	16 × 30	475									
33	13 × 20	405	13 × 20	475	13 × 25	480	16 × 30	400	16 × 30	515	16 × 35	535									
47	13 × 25	530	13 × 25	530	16 × 26	580	16 × 35	530	18 × 32	670	18 × 35	695									
68	16 × 26	600	16 × 26	610	16 × 30	740	20 × 35	680	20 × 35	800	20 × 40	815									
100	16 × 26	900	16 × 26	900	18 × 30	955															
150	18 × 30	1,090	18 × 35	1,090	22 × 35	1,200															
220	20 × 25	1,115	22 × 35	1,355																	