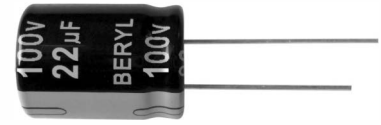


RJ Series

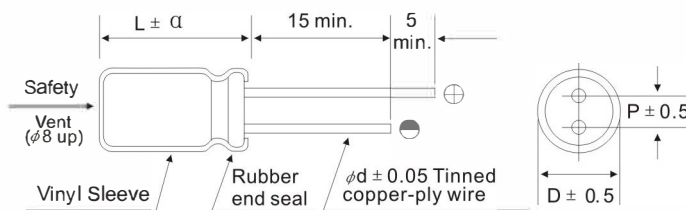
- Very low impedance and long life
- Endurance with ripple current: 10000 hours at 105°C
- RoHS Compliant



规格表 SPECIFICATIONS

项目 Items	特性参数 Characteristics								
使用温度范围 Category Temperature Range	-40 ~ +105°C								
额定工作电压范围 Rated Voltage Range	10 ~ 100V								
静电容量允许偏差 Capacitance Tolerance	±20% (M) (at 20°C, 120Hz)								
漏电流 Leakage Current	I ≤ 0.01CV or 3µA, which is greater application of rated Voltage after 2 minutes. 施加额定工作电压2分钟后读数,二者取大值 Note: I=Max.leakage current (µA), C=Nominal capacitance(µF), V=Rated voltage(V) (at 20°C)								
损耗角正切值 tan δ Dissipation Factor	Rated voltage(V)	10	16	25	35	50	63	100	
	tan δ (Max.)	0.45	0.35	0.30	0.22	0.19	0.17	0.15	(at 20°C, 120Hz)
低温特性 Low temperature Characteristics (Max.Impedance Ratio)	电容器低温阻抗比值, 不应超过下表所列出的值								
	Rated voltage(V)	10	16	25	35	50	63	100	
	Z(-25°C)/Z(+20°C)	8	6	4	4	3	3	3	(at 120Hz)
耐久性 Endurance	105°C 施加额定工作电压和最大允许纹波电流经规定时间后, 恢复到20°C后, 测试性能应满足以下要求 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 for the specified period of time at 105°C.								
	Capacitance change	≤ ±25% of the initial value							
	D.F.(tan δ)	≤ 300% of the specified value							
高温储存特性 Shelf Life	105°C 放置1000小时, 恢复到20°C后, 测试性能应满足以下要求 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	≤ ±25% of the initial value							
	D.F.(tan δ)	≤ 300% of the specified value							
	Leakage current	≤ The specified value							

外形图 DIMENSIONS (mm)



ΦD	5	6.3	8	10
P	2.0	2.5	3.5	5.0
Φd	0.5	0.5	0.5	0.6

α	(L < 20) 1.5
	(L ≥ 20) 2.0

纹波电流修正系数 RATED RIPPLE CURRENT COEFFICIENT

- 频率系数 Frequency Coefficient

Rated Voltage	Frequency(Hz)			
	120	1k	10k	100k
1.0~10	0.42	0.60	0.80	1.00
22~33	0.55	0.75	0.9	1.00
47~330	0.70	0.85	0.95	1.00

RJ Series

■ 尺寸与最大纹波电流一览表 STANDARD RATINGS

WV (Vdc)	Cap (μF)	尺寸 ΦD×L (mm)	额定纹波电流 (mArms/105°C 100kHz)	WV (Vdc)	Cap (μF)	尺寸 ΦD×L (mm)	额定纹波电流 (mArms/105°C 100kHz)
10	100	5×11	130	63	10	5×11	80
	220	6.3×11	210		22	6.3×11	170
	330	8×11.5	330		33	6.3×11	170
	680	10×13	430		47	8×11.5	240
16	47	5×11	130		68	10×13	360
	100	6.3×11	210		100	10×16	450
	220	8×11.5	330	100	1.0	5×11	40
	470	10×13	480		2.2	5×11	50
25	33	5×11	130		3.3	5×11	60
	47	5×11	130		4.7	5×11	70
	100	6.3×11	210		10	6.3×11	150
35	33	5×11	130		22	8×11.5	230
	47	6.3×11	210		33	10×13	290
	100	8×11.5	330		47	10×16	350
50	1.0	5×11	25		68	10×16	390
	2.2	5×11	35		100	10×20	450
	3.3	5×11	70	150	10×25	510	
	4.7	5×11	80				
	10	5×11	90				
	22	5×11	110				
	33	6.3×11	190				
	47	6.3×11	190				
	100	8×11.5	270				