

LONG LIFE
长寿命

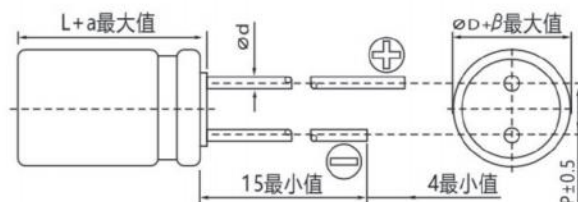
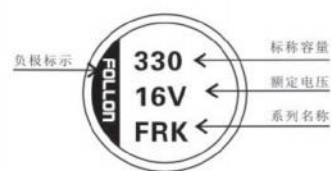


- 105°C 5000hours assured
105°C 5000H 寿命保证
- Ultra low ESR with large permissible ripple current
极低等效串联电阻(ESR)并可承受大纹波电流
- RoHS compliance符合RoHS 指令

Specifications 特性表

Items 项目	Characteristics 主要特性	
Operation Temperature Range 使用温度范围	-55°C~105°C	
Voltage Range 额定电压范围	2.5~35V	
Capacitance Range 额定容量范围	68~820	
Capacitance Tolerance 额定容量容许误差值	±20% at 120Hz,20°C	
Dissipation Factor (Tanδ)损失角	Standard Ratings 标准品一览表	
ESR 等效串联电阻 (ESR)	Standard Ratings 标准品一览表	
Leakage Current 漏电流	Standard Ratings 标准品一览表	
Endurance 耐久性	After 5000Hrs. Application of the rated voltage at 105°C, returned to 20°C for testing, they meet the characteristics listed below. 在105°C 下连续施加额定电压5000小时后, 返回20°C进行测试时, 满足以下项目	
	Capacitance Change 静电容量变化率	Within ±20% of initial value ≤初始值的±20%
	Tanδ损失角	Less than 150% of specified value ≤初始值的150%
	ESR 等效串联电阻	Less than 150% of specified value ≤初始值的150%
	Leakage Current漏电流	Within specified value ≤初始规格值
Moisture Resistance 耐湿无负荷	After 1000 hours in an environment of 60°C, 90~95% humidity, return to 20°C for testing, they meet the characteristics listed below. 在60°C, 湿度90~95%环境中1000H后, 返回20°C进行测试, 需满足以下项目	
	Capacitance Change 静电容量变化率	Within ±20% of initial value ≤初始值的±20%
	Tanδ损失角	Less than 150% of specified value ≤初始值的150%
	ESR 等效串联电阻	Less than 150% of specified value ≤初始值的150%
	Leakage Current漏电流	Within specified value ≤初始规格值
Marking 标识	Red print on the case top. 铝壳顶部红色印刷。	

DRAWING (Unit: mm) 外形图



DIMENSIONS (Unit: mm) 尺寸表

尺寸	6.3X8	8X11.5	10X12
ΦD	6.3	8	10
L	8	11.5	12
P	2.5	3.5	5.0
Φd	0.6	0.6	0.6
α	1.0	1.0	1.0
β	0.5	0.5	0.5

Specifications 标准品一览表

Rated Volt(V)	Surge Voltage(V)	Capacitance(μF)	Size ΦDXL (mm)	Tanδ 120Hz, 20°C	LC(μA) 2minutes	ESR (mΩ) 20°C 100KHZ	Rated R.C (mA/rms at 100KHz,105°C)
2.5V(0E)	2.8	330	6.3X8	0.10	500	7	5,600
		470	6.3X8	0.10	500	7	
		560	6.3X8	0.10	500	7	
		820	6.3X8	0.10	500	7	
4V(0G)	4.6	560	6.3X8	0.10	500	7	5,000
		390	8X11.5	0.15	491	15	4,210
6.3V(0J)	7.2	470	6.3X8	0.10	592	8	4,700
			8X11.5	0.15	592	15	4,210
		560	6.3X8	0.10	706	8	4,700
			10X12	0.15	1,033	12	4,360
10V(1A)	12.0	330	8X11.5	0.12	660	17	3,950
		560	10X12	0.12	1,360	16	4,720
16V(1C)	18.0	180	8X11.5	0.12	576	20	3,640
		270	6.3X8	0.12	864	15	3,800
		330	10X12	0.12	1,056	16	4,720
20V(1D)	23.0	100	8X11.5	0.12	400	28	2,300
		330	10X12	0.12	1,320	26	2,800
25V(1E)	29.0	100	8X11.5	0.12	500	28	2,200
		270	10X12	0.12	1,350	27	2,700
35V(1V)	40.0	68	8X11.5	0.12	476	29	2,200
		150	10X12	0.12	1,050	28	2,600

•Case size ΦD XL(mm),ripple current (mA rms) at 105°C,100KHz •尺寸ΦD XL(mm), 纹波电流 (mA rms) 于105°C,100KHz

Ripple Current and Frequency Multipliers 纹波电流与频率修正系数

Frequency 频率	120HZ	1KHZ	10KHZ	100KHZ~
Multipliers 修正系数	0.05	0.30	0.70	1.00

Note: All design and specifications are for reference only and is subject to change without prior notice. If any doubt about safety for your application, please contact us immediately for technical assistance before purchase

注: 以上所提供的设计及特性参数仅供参考, 任何修改不作预先通知. 如果在使用上有疑问, 请在采购前与我们联系, 以便提供技术上的协助.