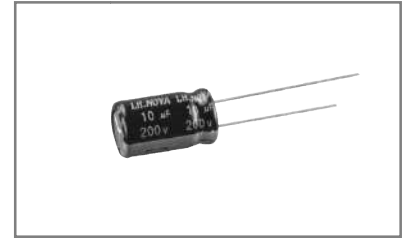


**RT 系列铝电解电容器**
**RT Series Aluminum Electrolytic Capacitor**
**特征**
**Feature**

- \* 寿命: 105 2000~3000 小时  
Load life: 105 2000~3000 hours.
- \* 宽温度特性  
Wide operating temperature range.
- \* 符合 RoHS  
Compliant to the RoHS Directive.


**应用**
**Application**

- \* 适用于开关电源、通信设备及其它各种电子产品  
Ideally suited for switching power supplies, telecommunication and other electronic products.

**型号表示法**
**Part Number**

8	2	2	0	L	F	M	A	A	1	2	R	T	N	0	1	1	0	
①																		
代码 Code	产品类别 Type	代码 Code	电压 Voltage	代码 Code	尺寸 Dimensions DxL(mm)	代码 Code	商标 Trademark	代码 Code	内码 Internal Code			代码 Code	产品脚型 Lead Forming Type					
8	成品 Product	LO	4	O511	5x11	N	LH.NOVA	11	105°C普通品 105°C regular			0	散装品 Bulk					
		LA	6.3	AA12	6.3x12			1E	105°C普通品 PET 胶管 105°C regular & PET Sleeve			P	直脚方式编带品 original type(vertical) tape					
		LB	10	O812	8x12													
		LC	16	1020	10x20													
		LD	25	AB20	12.5x20													
		LE	35															
		LF	50															
		LG	63															
		MA	100															
		VA	400															
代码 Code	标称容量 Nominal Capacitance	代码 Code	误差 Tolerance	代码 Code	型号 Series	代码 Code	胶管颜色 Sleeve Color											
1R0	1uF	K	±10%	RT	CD82	0	无胶管 No label											
2R2	2.2uF	V	± <sup>20</sup> <sub>10</sub> %															
221	220uF	M	±20%															

**产品结构**
**Product Structure**

(mm)	±0.5			±1.0				
D(mm)	5	6.3	8	10	12.5	16	18	22
F±0.5(mm)	2.	2.5	3.5	5.0		7.5		10.0
d±0.1(mm)	0.5		0.6			0.8		
L(mm)	11,12	12,16	12,16,	16,20,25	16,20,25,30,35	20,25,30,35,40	25,30,35,40	
	L±2.0							

**主要特性表**
**Main specifications**

	主要特性 Performance Characteristics	
额定工作电压范围 Rated Voltage Range	6.3~100V.DC	160~500V.DC
使用温度范围 Operating Temperature Range	-40°C~+105°C	-40°C~+105°C
标称静电容量范围 Nominal Capacitance Range		

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浪涌电压      额定工作电压(V)      6.3 10 16 25 35 50 63 100 160 200 250 350 400 450 500  
Surge Voltage      Rated working voltage

## 尺寸表与允许纹波电流

## Dimensions and ripple current

WV/V Cap/ F	6.3		10		16		25		35		50		63		100	
	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)
0.68											5 11	15			5 11	16
1											5 11	18	5 11	20	5 11	23
1.5											5 11	23			5 11	25
2.2											5 11	28	5 11	30	5 11	33
3.3											5 11	38	5 11	40	5 11	44
4.7							5 11	36	5 11	41	5 11	45	5 11	51	5 11	55
6.8							5 11	60	5 11	47	5 11	58	5 11	68	6.3 12	70
10					5 11	52	5 11	60	5							

WV/V Cap/μF	160		200		250		350		400		450		500	
	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)
1							8x12	70	8x12	80	8x12	80	8x12	80
1.8							8x12	75	10x12	85	10x12	100	10x12	100
2.2							8x12	80	10x12	90	10x12	110	10x12	110
3.3							10x12	100	10x16	110	10x16	150	10x16	150
4.7	8x12	70	8x12	72	10x12	100	10x16	150	10x16	150	10x20	180	10x20	180
6.8	8x12	80	8x12	83	10x16	110	10x16	180	10x20	180	10x20	180	10x20	180
10	10x16	130	10x16	250	10x16	180	10x20	250	12.5x20	250	12.5x20	280	12.5x20	280
15	10x16	150	10x20	250	10x16	280	12.5x20	280	12.5x20	280	12.5x25	330	12.5x25	350
22	10x20	200	10x20	250	10x20	300	12.5x20	300	12.5x25	310	16x25	330	16x25	350
33	10x20	250	12.5x20	300	12.5x20	350	12.5x25	330	16x25	350	16x30	380	16x30	380
47	12.5x20	300	12.5x20	300	12.5x25	380	16x25	350	16x30	380	18x30	430	18x30	430
68	12.5x25	380	12.5x25	380	16x25	430	16x25	390	16x30	400	18x30	440	18x25 18x40	450 550
100	16x25	660	16x25	600	16x30	650	18x30	460	18x30	460	18x40	510		
120	16x25	680	16x25	680	16x30	660	18x35	500	18x35	500				
220	16x30	720	18x30	720	18x35	750								

(1) Case Size D L(mm)

(2) Max allowable ripple current (mA rms +105 ,120Hz)

**包装**

Packaging

\* 编带产品包装规范与数量 Taped packaging quantity

直径 D(mm)	数量(只) Qty. (Pcs)	L(电容高度) 22mm	L(电容高度)=25±2mm
		LxWxH(mm)	LxWxH(mm)
5	2000		
6.3	1500		
8	1000		
10			328x235x57
12.5			
16			
18			

直径 D(mm) Diameter	高度 L(mm) Length	数量 (只/袋) Quantity (pcs/bag)	袋/盒 bag/box	内箱/外箱 Inner box/outer box	(只/箱) psc/box
10	31-35	200	6	4	4800
12- 13	16-28	200	6	4	4800
12- 13	30-40	100	8	4	3200
12- 13	45-55	100	6	4	2400
16	15-20	100	8	4	3200
16	21-30	100	6	4	2400
16	31-40	50	10	4	2000
18	15-20	100	6	2	1200
18	25-30	50	8	2	800
18	35-40	50	6	2	600
18	41-50	25	10	2	500
20	25-40	50	10	2	1000
22	25-35	50	5	2	500
22	40	25	10	2	500