

RN 105℃, 细长型品 (CD264型)

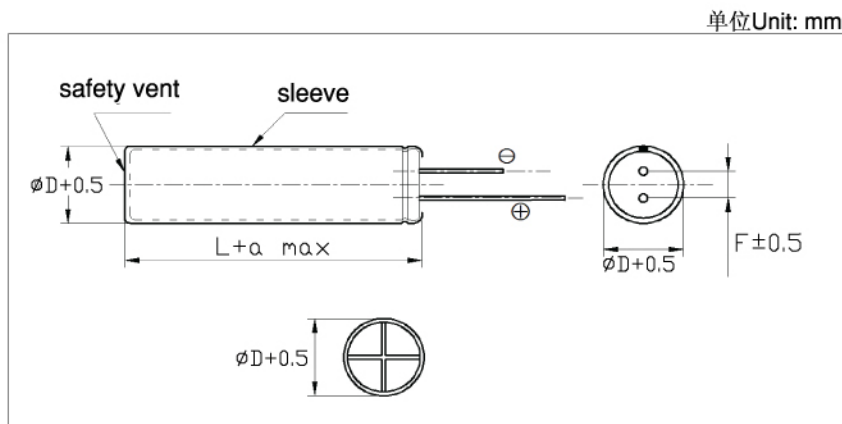
- ◎ 长寿命品105℃ 2000小时。Long Load life of 105℃ 2000h.
- ◎ 体积 $\Phi 8 \times 35 \sim \Phi 12.5 \times 60$ 。Body diameter of $\Phi 8 \times 35$ to $\Phi 12.5 \times 60$.
- ◎ 适合于超薄电视、承受高纹波电流。
Used in super thin TV.with high ripple current capability.
- ◎ RoHS指令已对应完毕。Adapted to the RoHS directive.



主要技术性能 Specifications

项目 Item	特性 Performance Characteristics						
使用温度范围 Operating temperature range	-25℃~+105℃						
额定电压范围 Rated voltage range	160~450V						
标称电容范围 Nominal capacitance range	22~330μF						
标称电容允许偏差 Capacitance tolerance	±20% (120Hz, +20℃)						
漏电流 Leakage current	$I \leq 0.02CV + 15$ (μA) 5分钟 (at 20℃, after 5 minutes)						
损耗角正切值 (tg δ) Dissipation factor (+20℃, 120Hz)	UR(V)	160	200	250	400	420	450
	tg δ	0.18	0.18	0.18	0.20	0.22	0.24
温度特性 Temperature characteristics (Impedance ratio at 120Hz)	UR(V)	160	200	250	400	420	450
	Z-25℃ / Z+20℃	4	4	5	6	6	6
耐久性 Load life	+105℃ 加额定电压 2000 小时, 恢复 16 小时后: After applying rated voltage Load life of 2000h, at +105℃ and then resumed 16 hours: 电容量变化率 Capacitance change : ±20% 初始测量值以内 initial measured value 漏电流 Leakage current : ≤ 初始规定值 initial specified value 损耗角正切值 Dissipation factor : ≤ 2倍初始规定值 ≤ 2times specified value						
高温贮存 Shelf life	+105℃, 1000 小时贮存后, 恢复 16 小时后: After storage for 1000 hours at +105℃ and then resumed for 16 hours: 电容量变化率 Capacitance change : ±20% 初始测量值以内 initial measured value 漏电流 Leakage current : ≤ 2倍 初始规定值 ≤ 2times initial specified value 损耗角正切值 Dissipation factor : ≤ 2倍 初始规定值 ≤ 2times initial specified value						

外形图及尺寸表 Case table



D	8	10	12.5
F	3.5	5.0	
d	0.6		
αMAX	2.0		

■ 尺寸 Dimensions

ØD × L(mm)

容量 μF	代 码 Code	电压U _R		160V		200V		250V		400V		420V		450V	
				2C		2C		2E		2G		2M		2W	
22	220									8×40	230			8×50	260
25	250									8×45	245				
27	270									8×50	270			10×40	290
33	330							8×35	240	10×35	300	10×40	310	10×45	330
										10×45	330				
39	220							8×40	250	10×35	320	10×45	360	10×50	400
										10×40	340				
47	470							8×45	310	10×45	400	10×50	440	10×50	410
										10×50	430			12.5×35	400
														12.5×40	450
53	530													10×50	450
56	560	8×35	265	8×45	290	8×50	340	10×55	520	12.5×35	480	12.5×45	510	10×60	510
														12.5×35	450
														12.5×45	510
68	680	8×40	340	8×50	360	10×40	390	10×50	410	10×55	550	12.5×50	600	12.5×50	600
				10×35	320			12.5×40	540						
82	820	8×45	400	10×40	420	10×45	450	12.5×50	620	12.5×55	650	12.5×55	650	12.5×50	620
														12.5×55	650
100	101	8×50	480	10×45	500	10×50	540	12.5×55	730	12.5×60	760	12.5×60	760		
120	121	10×40	530	10×50	580	12.5×40	610								
150	151	10×50	660	12.5×45	720	12.5×45	700								
						12.5×50	750								
180	181	12.5×40	760	12.5×50	800	12.5×55	850								
220	221	12.5×45	850	12.5×55	900										
270	271	12.5×50	980	12.5×60	1050										
330	331	12.5×55	1130												

额定纹波电流 Rated ripple current(mA, +105℃, 120Hz)

Note: If you want to use the other capacitance & working voltage products in your circuit, please consult our technical department.

■ 允许纹波电流频率修正系数 FREQUENCY COEFFICIENT OF ALLOWABLE RIPPLE CURRENT

Frequency (Hz)	60	120	300	1K	10K	100K≤
Coefficient	0.75	1.00	1.25	1.35	1.50	1.50