

RH

105℃, 细长型品 (CD265 型)

- ◎ 长寿命品105℃ 5000小时。Long Load life of 105℃ 5000h.
- ◎ 体积Φ8×35~Φ12.5×60。Body diameter of Φ8×35 to Φ12.5×60.
- ◎ 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.

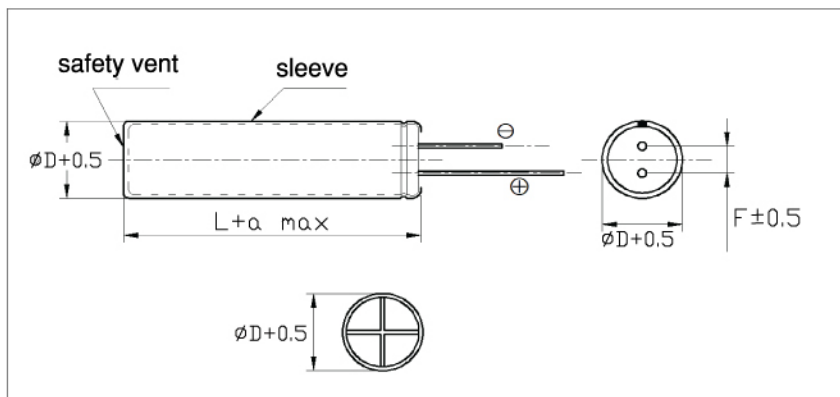


主要技术性能 Specifications

项目 Item	特性 Performance Characteristics						
使用温度范围 Operating temperature rang	-25℃~+105℃						
额定电压范围 Rated voltage range	160~450V						
标称电容量范围 Nominal capacitance range	22~330μF						
标称电容量允许偏差 Capacitance tolerance	±20% (120Hz, +20℃)						
漏电流 Leakage current	I≤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 5000 小时, 恢复 16 小时后: After applying rated voltage for Load life of 5000h,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 Initia 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

单位Unit: mm



D	8	10	12.5
F	3.5	5.0	
d	0.6		
aMAX	2.0		

■ 尺寸 Dimensions

容量 μF	代 码 Code	电压 U_R		160V		200V		250V		400		420V		450V	
				2C		2D		2E		2G		2M		2W	
22	220									8 × 45	225	8 × 50	235	8 × 50	255
27	270									8 × 50	265	10 × 40	265	10 × 45	285
33	330									10 × 40	300	10 × 45	305	10 × 45	305
														10 × 50	320
39	220							8 × 40	225	10 × 45	330	10 × 50	350	12.5 × 40	380
								8 × 45	245					10 × 50	415
47	470									12.5 × 35	400	12.5 × 40	420	10 × 55	435
								8 × 50	305					12.5 × 45	450
										12.5 × 40	470	12.5 × 45	480	12.5 × 50	500
56	560	8 × 35	260	8 × 45	285	10 × 40	335							12.5 × 50	550
68	680	8 × 40	335	8 × 50	350	10 × 45	380	12.5 × 45	530	12.5 × 50	560	12.5 × 55	585		
								12.5 × 50	610	12.5 × 55	625	12.5 × 60	635		
82	820	8 × 45	390	10 × 40	460	10 × 50	440	12.5 × 55	715	12.5 × 60	730				
100	101	8 × 50	470	10 × 45	490	12.5 × 45	530								
120	121	10 × 40	520	10 × 50	570	12.5 × 50	600								
150	151	10 × 50	650	12.5 × 45	710	12.5 × 55	735								
180	181	12.5 × 40	745	12.5 × 50	785	12.5 × 60	830								
220	221	12.5 × 45	830	12.5 × 55	880										
270	271	12.5 × 50	960	12.5 × 60	1030										
330	331	12.5 × 55	1100												

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