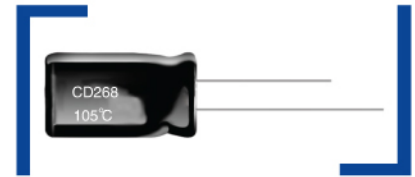


KM

耐高温品 (CD268型)

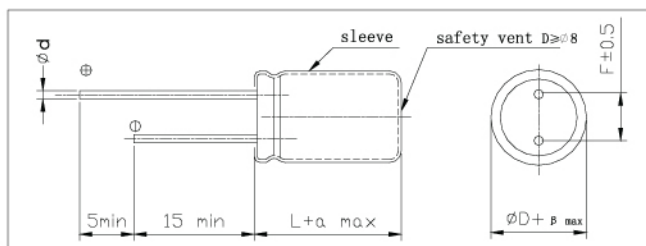


- ◎宽温度产品, 105℃, 1000小时寿命, 体积小, 容量大。
Wide temperature range, 105℃, Load life: 1000 hours, small size, large capacity.
- ◎适用于DVD、背投影电、空调等线路中。
Used in DVD, color-TV, air conditioning circuits etc.
- ◎RoHS指令已对应完毕。
Adapted to the RoHS directive.

■ 主要技术性能 Specifications

项目 Item	特性 Performance Characteristics								
使用温度范围 Operating temperature range	-40 ~ +105℃					-25 ~ +105℃			
额定电压范围 Rated voltage range	6.3 ~ 100 V					160 ~ 450 V			
标称电容量范围 Nominal capacitance range	0.1~ 10000 μ F					0.47~ 220 μ F			
标称电容量允许偏差 Capacitance tolerance	± 20% (120Hz, +20℃)								
漏 电 流 Leakage current	I≤0.01CV 或 3(μ A) 2分钟 取较大者 (at 20℃,after 2 minutes) (whichever is greater)					I≤0.02CV +15 (μ A) 1分钟 (1 minute)			
损 耗 角 正 切 值 (tg δ) Dissipation factor(+20℃, 120Hz)	UR (V)	6.3	10	16	25	35	50	63	160~450
	tg δ	0.25	0.20	0.17	0.15	0.12	0.10	0.09	0.20
温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	UR (V)	6.3	10	16~50	63~100	160~250	400	450	
	Z-25℃ / Z+20℃	-	-	-	-	≤6	≤4	≤4	
	Z-40℃ / Z+20℃	≤8	≤6	≤4	≤3	-	-	-	
耐久性 Load life	+105℃加额定电压1000小时，恢复16小时后： After applying rated voltage 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 ± 20% of the initial measured value 漏 电 流 Leakage current : ≤初始规定值 ≤the initial specified value 损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2times of the initial 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 16 hours: 电容量变化率 Capacitance change : ± 20%初始测量值以内 ± 20% of the initial measured value 漏 电 流 Leakage current : ≤2倍初始规定值 ≤2times of the initial specified value 损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2times of the initial specified value								

■ 外形图及尺寸表 Case size table



频率的修正系数 Frequency coefficient

电压(WV) \ 频率(Hz)	60	120	1K	$\geq 10K$
6.3~25	0.85	1.00	1.10	1.20
35~100	0.80	1.00	1.15	1.25
160~250	0.75	1.00	1.25	1.40
350~450	0.70	1.00	1.30	1.80

D	5	6.3	8	10	12.5	16~18	22
F	2	2.5	3.5	5.0	7.5	10	10
d	0.5		0.5、0.6	0.6	0.8		

α MAX	(L < 20) 1.5
	(L ≥ 20) 2.0

β MAX	(D < 20) 0.5
	(D ≥ 20) 1.0

■ 尺寸 Dimensions

ØD × L(mm)

容量 CR(μF)	代码 Code	电压UR		6.3V		10V		16V		25V		35V		50V		63V	
				0J		1A		1C		1E		1V		1H		1J	
0.1	0R1													5x11	3		
0.22	R22													5x11	4		
0.33	R33													5x11	5		
0.47	R47													5x11	6		
1	010													5x11	9		
2.2	2R2													5x11	11		
3.3	3R3													5x11	15		
4.7	4R7							5x11	10	5x11	20			5x11	18	5x11	20
10	100	5x11	20					5x11	20	5x11	25	5x11	25	5x11	25	5x11	30
22	220							5x11	30	5x11	35	5x11	35	5x11	40	5x11	32
															6.3x11	50	
33	330							5x11	40	5x11	40	5x11	50	5x11	50	8x11.5	60
															6.3x11	60	
47	470	5x11	40	5x11	45			5x11	50	5x11	50	6.3x11	65	6.3x11	70	8x11.5	90
												5x11	50	8x11.5	70		
100	101	5x11	60	5x11	80			5x11	70	6.3x11	90	8x11.5	110	8x11.5	120	10x12.5	150
												6.3x11	102				
220	221	5x11	75	6.3x11	110			6.3x11	95			8x11.5	150	10x12.5	190	10x16	270
		6.3x11	100	8x11.5	130			8x11.5	140								
330	331	6.3x11	100	8x11.5	160			8x11.5	180	10x12.5	220	10x16	260	10x20	320	12.5x20	380
				6.3x11	110					8x11.5	170	10x12.5	210				
470	471	8x11.5	170	6.3x11	120			8x11.5	210	10x12.5	250	10x16	310	12.5x20	430	12.5x25	500
				8x11.5	190			10x12.5	250	10x16	290	10x20	350				
680	681			8x11.5	320			10x12.5	430	10x16	380	10x20	450	12.5x25	720		
								8x16	420								
1000	102	10x12.5	300	10x12.5	380			10x20	440	12.5x20	540	12.5x25	620	16x25	790	16x30	900
				8x16	400							12.5x20	580				
1500	152	8x20	420	10x16	520			12.5x20	580	12.5x20	600	16x25	900				
2200	222	12.5x20	580	12.5x20	620			12.5x25	700	16x25	880	16x30	1030	18x35	1230	18x40	1310
				10x20	600							16x25	937				
3300	332	12.5x20	670	12.5x25	800			16x25	970	16x30	1120	18x35	1320	18x40	1400	22x40	1730
								12.5x25	920			16x35	1080				
4700	472	16x25	1000	16x25	1050			16x30	1240	18x35	1440	18x40	1540	22x40	1780		
								16x25	1050			18x35	1350				
6800	682	16x25	1120	16x30	1300			18x35	1530	18x40	1630	22x40	1880				
10000	103	18x35	1320	18x35	1620			18x40	1730	22x40	2000						

ØD × L(mm)

容量 CR(μF)	代码 Code	电压UR		100V		160V		200		250V		400V		450V	
				2A		2C		2D		2E		2G		2H	
0.1	0R1	5x11	3												
0.22	R22	5x11	4												
0.33	R33	5x11	5												
0.47	R47	5x11	6	5x11	8	6.3x11	6	6.3x11	6						
1	010	5x11	9	6.3x11	14	6.3x11	9	6.3x11	9	8x11.5	19				
2.2	2R2	5x11	15	8x11.5	15	6.3x11	15	6.3x12	15	8x11.5	30	8x11.5	30		
														10x12.5	30
3.3	3R3	5x11	18	8x11.5	20	6.3x11	20	8x11.5	35	8x11.5	35	10x12.5	35		
4.7	4R7	5x11	20	8x11.5	45	8x11.5	40	10x12.5	45	8x11.5	42	10x16	42		
														10x12.5	48
6.8	6R8											10x12.5	58	10x16	58
10	100	6.3x11	35	10x12.5	65	10x12.5	70	10x16	70	10x16	78	12.5x20	84		
		8x11.5	40			10x16	75				10x20	87			
22	220	8x11.5	65	10x16	110	10x16	110	10x20	120	12.5x20	140	16x25	130		
33	330	10x12.5	95	10x20	150	10x20	140	12.5x25	180	16x25	210	18x25	237		
47	470	10x16	120	12.5x25	200	12.5x20	190	16x25	250	18x25	390	18x25	300		
68	680												18x30	366	
82	820												18x30	440	
100	101	12.5x20	220	16x25	390	16x25	370	16x30	390	18x35	490	18x35	490		
220	221	16x25	420	16x35	680										
330	331	16x30	510												
470	471	18x30	680												
1000	102	18x40	1200												

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