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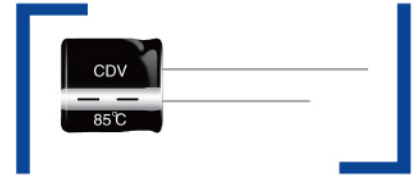
标准品 (CDV型)

◎5mm高, 微型体积。Be 5mm in height and mini-size.

◎适用于照相机、汽车音响、随身听、DVD、对讲机、手机、复读机等。

Suitable for camera, car audio, mini-audio sets, DVD, interphone, mobile phone, etc.

◎RoHS指令已对应完毕。Adapted to the RoHS directive.

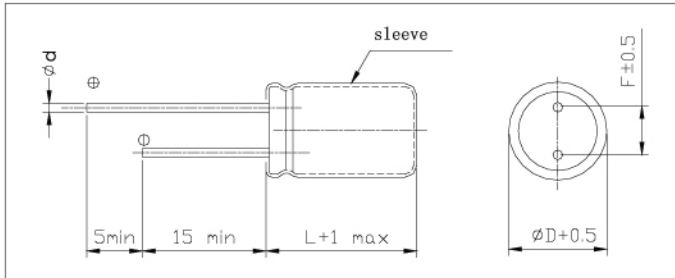


主要技术性能 Specifications

项目 Item	特性 Performance Characteristics							
使用温度范围 Operating temperature range	-40 ~ +85℃							
额定电压范围 Rated voltage range	4 ~ 50 V							
标称电容范围 Nominal capacitance range	0.1~ 470 μ F							
标称电容允许偏差 Capacitance tolerance	± 20% (120Hz, +20℃)							
漏电流 Leakage current	I≤0.01CV (μ A)或3 μ A 2分钟(at 20℃,after 2 minutes) 取较大者(Whichever is greater)							
损耗角正切值 (tg δ) Dissipation factor(+20℃, 120Hz)	U _R (V)	4	6.3	10	16	25	35	50
	tg δ	0.35	0.26	0.22	0.18	0.16	0.14	0.12
温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	U _R (V)	4	6.3	10	16	25	35	50
	Z-25℃ / +20℃	7	4	3	2	2	2	2
	Z-40℃ / +20℃	15	8	6	4	4	3	3
耐久性 Load life	+85℃加额定电压1000小时, 恢复16小时后: After applying rated voltage for 1000 hours at +85℃ and then resumed for 16 hours: 电容量变化率 Capacitance change : ± 25%初始测量值以内 ±25% of the initial measured value(4V and 0.3:≤±30%) 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	+85℃, 1000小时贮存后,恢复16小时后: After storage for 1000 hours at +85℃ and then resumed for 16 hours: 电容量变化率 Capacitance change : ± 25%初始测量值以内 ±25% of the initial measured value (4V and 0.3:≤±30%) 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

单位Unit: mm



D	3	4	5	6.3	8
F	1.0	1.5	2.0	2.5	3.5
d	0.4	0.45			0.5

尺寸 Dimensions

ØD × L (mm)

容量 Cap (μF)	代码 Code	电压 U _R	4V 0G	6.3V 1J	10V 1A	16V 1C	25V 1E	35V 1V	50V 1H
0.1	0R1								4(3)×5 1.0
0.22	R22								4(3)×5 2.0
0.33	R33								4(3)×5 2.8
0.47	R47								4(3)×5 4.0
1	010								4(3)×5 8.4
2.2	2R2				4×5 6			3×5 8.4	4(3)×5 13
3.3	3R3						3×5 10	4×5 14	4×5 17
4.7	4R7				4×5 12	3×5 13	4×5 16	4×5 18	5×5 20
10	100			3×5 15	3×5 17	3×5 23	5×5 27	5×5 29	6.3×5 33
22	220	3×5 19	3×5 28	3×5 33	4×5 37	6.3×5 42	6.3×5 46	8×5 52	8×5 52
33	330	4×5 28	4×5 37	4×5 41	5×5 49	6.3×5 52	8×5 62	8×5 71	6.3×5 40
47	470	4×5 33	4×5 45	5×5 52	6.3×5 58	8×5 70	8×5 80		
100	101	5×5 56	5×5 70	6.3×5 80	8×5 92	8×5 110			
220	221	6.3×5 96	6.3×5 110	8×5 135	8×5 92				
330	331	8×5 145	8×5 170	6.3×5 105	8×5 90				
470	471	8×5 185	8×5 210						

—— 额定纹波电流 Rated ripple current (mA, +85℃, 120Hz)