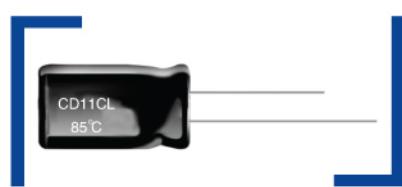


# SL

标准品 ( CD11CL型 )

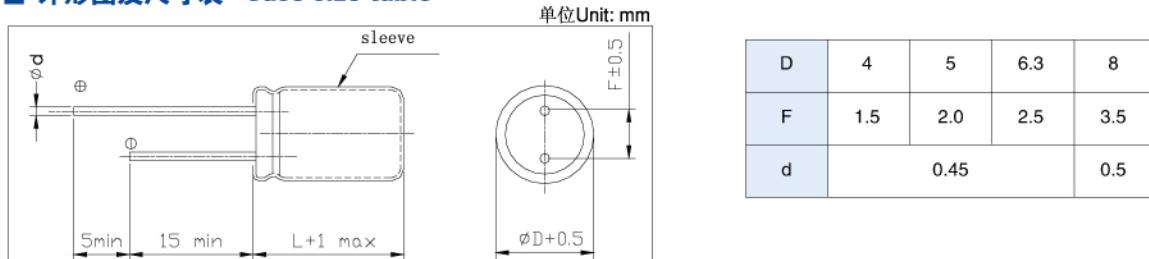
- ◎ 7 ( 9 ) mm高, 微型体积。Be 7 ( 9 ) mm in height and mini-size.
- ◎ 为VTRs、汽车音响、汽车立体声、微型收录机、微型计算器等设计。  
Designed for use in VTRs, car radios, car stereos, micro-cassette tape recorders, pocket calculators and watches.
- ◎ RoHS指令已对应完毕。Adapted to the RoHS directive.



## ■ 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°C						
额定电压范围 Rated voltage range	6.3 ~ 50 V						
标称电容量范围 Nominal capacitance range	0.1~ 470 μF						
标称电容量允许偏差 Capacitance tolerance	± 20% (120Hz, +20°C)						
漏电流 Leakage current	I≤0.01CV or 3(μA) 2分钟(at 20°C, after 2 minutes) 取较大者 (whichever is greater)						
损耗角正切值 ( tg δ ) Dissipation factor(+20°C, 120Hz)	UR (V)	6.3	10	16	25	35	50
	tg δ	0.24	0.20	0.16	0.14	0.12	0.10
温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	UR (V)	6.3	10	16	25	35	50
	Z-25°C / +20°C	4	3	2	2	2	2
	Z-40°C / +20°C	8	6	4	4	3	3
耐久性 Load life	+85°C加额定电压2000小时, 恢复16小时后: After applying rated voltage for 2000 hours at +85°C 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 漏电电流 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°C, 1000小时贮存后,恢复16小时后: After storage for 1000 hours at +85°C 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 漏电电流 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



## ■ 尺寸 Dimensions

容量 C <sub>R</sub> (μF) Code	电压UR Code	ØD × L(mm)					
		6.3V 0J	10V 1A	16V 1C	25V 1E	35V 1V	50V 1H
0.1	0R1						4x7 1.0
0.22	R22						4x7 2.3
0.33	R33						4x7 3.5
0.47	R47						4x7 5.0
1	010						4x7 10
2.2	2R2						4x7 19
3.3	3R3						4x7 24
4.7	4R7					4x7 24	4x7 28
10	100			4x7 28	4x7 28	4x7 31	5x7 38
22	220	4x7 34	4x7 35	4x7 39	5x7 48	5x7 52	6.3x7 58
33	330	4x7 40	4x7 43	4(5)x7 45(59)	5x7 58	6.3x7 80	8x7(9) 75(85)
47	470	4x7 48	4(5)x7 45(49)	5x7 65	6.3x7 71	8x7(9) 85(96)	8x9 101
100	101	5x7 78	5(6.3)x7 74(87)	6.3x7 98	8x7(9) 115(130)	8x9 141	8x7 110
220	221	6.3x7 120	6.3(8)x7 138(145)	8x9 186			
330	331	8x7(9) 180(204)	8x7 201	8x7 140			
470	471	8x7(9) 215(243)					

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