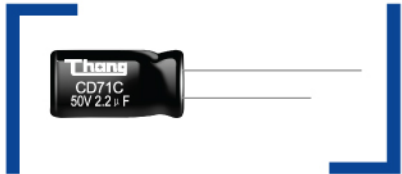


NS

双极性品 (CD71C型)

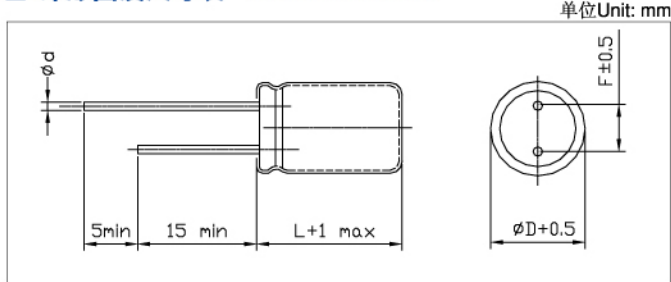
- ◎7mm高度，双极性。
7mmL, Bi-Polarized.
- ◎适用于信号耦合等极性需反转变换电路。
Used in circuits what polarity is reversed, such as signal coupling, etc.
- ◎RoHS指令已对应完毕。Adapted to the RoHS directive.



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	6.3 ~ 63V							
标称容量范围 Nominal capacitance range	0.1 ~ 100 μF							
标称容量允许偏差 Capacitance tolerance	±20% (120Hz, +20℃)							
正反向漏电流 Leakage Current	$I \leq 0.05CV$ or $10(\mu A)$ 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)	$U_R (V)$	6.3	10	16	25	35	50	63
	tg δ	0.26	0.22	0.20	0.18	0.16	0.14	0.12
温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	$U_R (V)$	6.3	10	16	25	35	50	63
	Z-25℃ / Z+20℃	4	3	2	2	2	2	2
	Z-40℃ / Z+20℃	8	6	4	4	3	3	3
耐久性 Load life	+85℃加额定电压1000小时 (每250小时反转极性一次) 恢复16小时后: After applying rated voltage for 1000 hours at +85℃ (with the polarity inverted every 250 hours) and then resumed 16 hours: 电容量变化率 Capacitance change : ±25%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 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 16 hours: 电容量变化率 Capacitance change : ±25%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 size table



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

尺寸 Dimensions

		电压 U_R		6.3V		10V		16V		25V		35V		50V		63V	
容量 $C_n(\mu F)$	代码 Code	0J	1A	1C	1E	1V	1H	1J									
0.1	0R1													4×7	0.8		
0.22	R22													4×7	2.0		
0.33	R33													4×7	3.0		
0.47	R47													4×7	4.0		
1	010													4×7	8.5	4×7	11
2.2	2R2													4×7	14	5×7	18
3.3	3R3								4×7	13	4×7	16	5×7	19	6.3×7	23	
4.7	4R7					4×7	16	5×7	18	5×7	22	6.3×7	25	8×7	28		
10	100		4×7	21	5×7	26	6.3×7	23	6.3×7	32	8×7	40					
22	220	4×7	29	4×7	33	6.3×7	39	6.3×7	43	8×7	48						
33	330	5×7	37	5×7	45	6.3×7	48	8×7	53								
47	470	6.3×7	48	5×7	53	8×7	63										
100	101	8×7	75	6.3×7	82												

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

Bi-polar