

●超小型,高 CV 值,高度为 7mm。
Microminiature, high CV value, 7mm height.

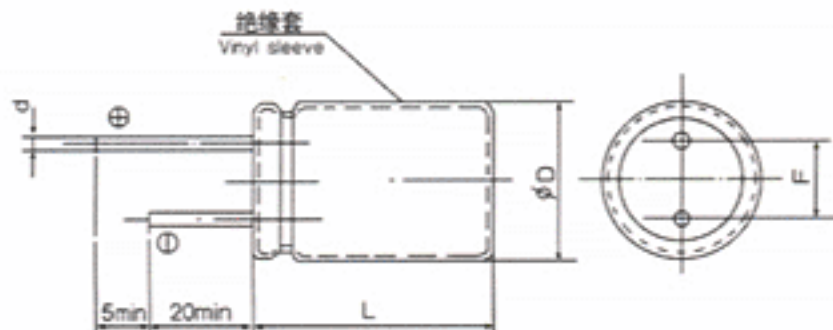
CD11CX



主要技术性能 Specifications

使用温度范围 Operating temperature range	-40 ~ +85°C									
额定电压范围 Rated voltage range	3 ~ 63V									
标称电容量范围 Nominal capacitance range	0.1 ~ 470 μ F									
标称电容量允许偏差 Capacitance tolerance	$\pm 20\%$									
漏电流 Leakage current	$1 \leq 0.01C_R U_R (\mu A)$ 或 $3\mu A$ (取较大者 Whichever is greater)									
损耗角正切值 (tg δ) Dissipation factor (20°C, 100Hz)	$U_R (V)$	3	4	6.3	10	16	25	35	50	63
	tg δ	0.35	0.24	0.20	0.20	0.16	0.14	0.12	0.10	0.08
温度特性 Temperature characteristics (Impedance ratio at 100Hz)	$U_R (V)$	3	4	6.3	10	16	25	35	50	63
	Z-40°C/Z+20°C	12	8	8	8	6	4	3	3	3
耐久性 Load life	+85°C施加额定电压 1000 小时, 恢复 16 小时后: After applying rated voltage for 1000 hours at +85°C and then resumed 16 hours: 电容量变化率 Capacitance change: $\pm 20\%$ 初始测量值以内 Initial measured value 漏 电 流 Leakage current: \leq 初始规定值 Initial specified value 损耗角正切值 Dissipation factor: ≤ 2 倍初始规定值 Initial specified value									
高温贮存 Shelf life	+85°C, 500 小时, 恢复 16 小时后 After storage for 500 hours at +85°C and then resumed 16 hours: 电容量变化率 Capacitance change: $\pm 20\%$ 初始测量值以内 Initial measured value 漏 电 流 Leakage current: ≤ 2 倍初始规定值 Initial specified value 损耗角正切值 Dissipation factor: ≤ 2 倍初始规定值 Initial specified value									

外形图及尺寸表 Case size table



D ± 0.5	4	5	6.3	8
L ± 1.0 0	7	7	7	7
F ± 0.5	1.5	2.0	2.5	3.5
d ± 0.1	0.45			0.5

标称电容量、额定电压与外形尺寸对应表

Nominal capacitance, rated voltage and case size table

DXL(mm)	$U_R (V)$	3	4(0G)	6.3(0J)	10(1A)	16(1C)	25(1E)	35(1V)	50(1H)	63(1J)
$C_R (\mu F)$										
0.1 (0R1)									4x7	4x7
0.22 (R22)									4x7	4x7
0.33 (R33)									4x7	4x7
0.47 (R47)									4x7	4x7
1 (010)									4x7	4x7
2.2 (2R2)									4x7	4x7
3.3 (3R3)									4x7	4x7
4.7 (4R7)								4x7	4x7	5x7
10 (100)						4x7	4x7	4x7	5x7	6.3x7
22 (220)				4x7	4x7	4x7	5x7	5x7	6.3x7	
33 (330)		4x7		4x7	4x7	5x7	5x7	6.3x7	8x7	
47 (470)		4x7		4x7	5x7	5x7	6.3x7	8x7		
100 (101)		5x7		5x7	6.3x7	6.3x7	8x7			
220 (221)		6.3x7		6.3x7	8x7					
330 (331)		8x7		8x7						
470 (471)		8x7								