

ZS

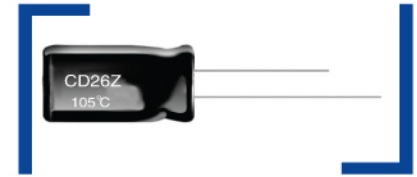
标准品 (CD26Z型)

◎低阻抗, 7 mm高度, 宽工作温度。

Low impedance, with 7mm height, wide operating temperature range.

◎RoHS指令已对应完毕。

Adapted to the RoHS directive.

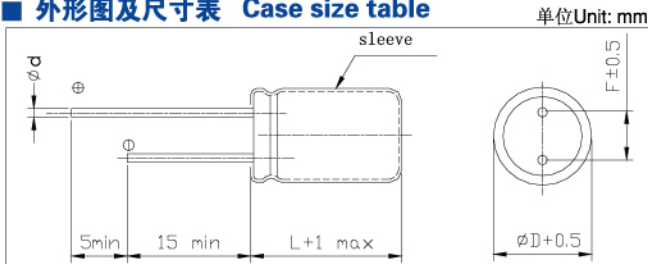


主要技术性能 Specifications

项目 Item	特性 Performance Characteristics						
使用温度范围 Operating temperature range	-40 ~ +105℃						
额定电压范围 Rated voltage range	6.3 ~ 50 V						
标称电容范围Nominal capacitance range	2.2~ 220 μ F						
标称电容允许偏差Capacitance tolerance	± 20% (120Hz, +20℃)						
漏 电 流 Leakage current	I≤0.01CV or 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)	6.3	10	16	25	35	50
	tg δ	0.18	0.16	0.16	0.12	0.10	0.10
温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	U _R (V)	6.3	10	16	25	35	50
	Z-25℃ / Z+20℃	2	2	2	2	2	2
	Z-40℃ / Z+20℃	4	4	4	4	3	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 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 流 Leakage current : ≤ 初始规定值 ≤the initial specif ied value 损耗角正切值 Dissipation factor : ≤2倍初始规定值数 ≤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 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 流 Leakage current : ≤2倍初始规定值 ≤2 times of the initial specif ied value 损耗角正切值 Dissipation factor : ≤2倍初始规定值数 ≤2 times of the initial specified value						

Low ESR

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

频率的修正系数 Frequency coefficient

Cap. (μF)	频率 (Hz)	1K	10K	100K
~180		0.40	0.75	0.90
220~560		0.50	0.85	0.94

尺寸 Dimensions

尺寸 Dimensions

容量
C_R(μF)

代码
Code

项目
Item

电压U_R

6.3V(0J)

10V(1A)

16V(1C)

25V(1E)

35V(1V)

50V(1H)

case size
ØD×L

ESR
(Ω MAX)

Ripple
mA_{rms}

case size
ØD×L

ESR
(Ω MAX)

Ripple
mA_{rms}

case size
ØD×L

ESR
(Ω MAX)

Ripple
mA_{rms}

case size
ØD×L

ESR
(Ω MAX)

Ripple
mA_{rms}

case size
ØD×L

ESR
(Ω MAX)

Ripple
mA_{rms}

case size
ØD×L

ESR
(Ω MAX)

Ripple
mA_{rms}

2.2	2R2																	5×7	1	120
6.8	6R8													4×7	3.3	70				
10	100											4×7	3.3	70	4×7	1.7	70	5×7	1	120
15	150							4×7	3.3	70	5×7	1.7	110	6.3×7	0.8	160	6.3×7	0.8	160	
22	220				4×7	3.3	70	5×7	1.7	110	5×7	1.7	110	6.3×7	0.8	160				
33	330	5×7	1.7	110	5×7	1.7	110	6.3×7	0.8	160	6.3×7	0.8	160	6.3×7	0.8	160	8×7	0.5	200	
47	470	5×7	1.7	110	6.3×7	0.8	160	6.3×7	0.8	160	8×7	0.5	200							
68	680	6.3×7	0.8	160	6.3×7	0.8	160	8×7	0.5	200	8×7	0.5	200							
100	101	6.3×7	0.8	160	8×7	0.5	200	6.3×7	0.5	160	8×7	0.5	200							
150	151	8×7	0.5	200	8×7	0.5	200													
220	221	8×7	0.5	200	6.3×7	0.5	160	8×7	0.5	200										

Maximum Allowable Ripple Current (mA rms) at 105℃ 100KHZ

Maximum ESR (Ω) at 20℃ 100KHZ.