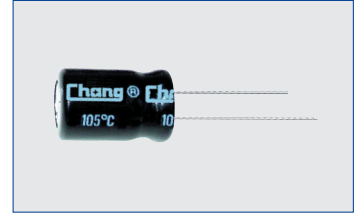


# KF

宽温度品 (CD11W型)

- 5mm高度, 105°C  
5mmL, 105°C
- 适用于移动通讯、袖珍对讲机、汽车音响等电路  
Used in locomotive communication, pocked intercom telephone and car audio circuits, etc.

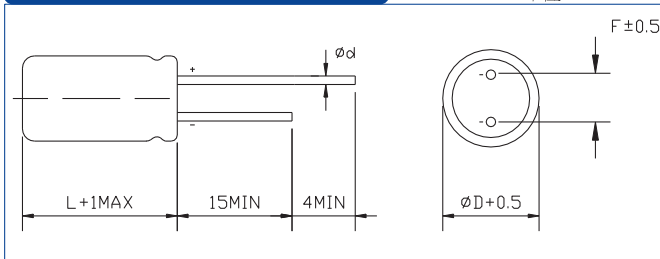


## 主要技术性能 Specifications

项目 Item	特性 Performance Characteristics							
使用温度范围 Operating temperature range	-40 ~ +105°C							
额定电压范围 Rated voltage range	4 ~ 50V							
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 °C)							
漏电流 Leakage current	I ≤ 0.01CV or 3(μF) 1分钟 (1 minute) 取最大者 ( whichever is greater )							
损耗角正切值 (tg δ) Dissipation factor (+20°C, 120 Hz)	U <sub>R</sub> (V)	4	6.3	10	16	25	35	50
	tg δ	0.35	0.25	0.22	0.18	0.14	0.12	0.10
温度特性 Temperature Characteristics (Impedance ratio at 120Hz)	U <sub>R</sub> (V)	4	6.3	10	16	25	35	50
	Z-25 °C / Z+20 °C	7	4	3	2	2	2	2
	Z-40 °C / Z+20 °C	15	10	8	6	4	3	3
耐久性 Load life	+105°C加额定电压 1000小时, 恢复 16小时后: After applying rated voltage for 1000 hours at +105°C and then resumed 16 hours: 电容量变化率 Capacitance change : ±20% 初始测量值以内 Initial measured value (4V: ≤ ±30%) 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 Initial specified value							
高温贮存 Shelf life	+105°C, 1000小时贮存后, 恢复 16小时后: After storage for 1000 hours at +105°C, and then resumed 16 hours 电容量变化率 Capacitance change : ±20% 初始测量值以内 Initial measured value (4V: ≤ ±30%) 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

单位Unit: mm



D	4	5	6
F	1.5	2.0	2.5
d	0.45		

## 尺寸 DIMENSIONS

ØD × L(mm)

电压U <sub>R</sub> 代 码 容量C <sub>n</sub> (μF)	电压U <sub>R</sub>								容量C <sub>n</sub> (μF)							
	4V	6.3V		10V		16V		25V		35V		50V				
Code	0G	0J		1A		1C		1E		1V		1H				
0.1	0R1											4 × 5	1.0			
0.22	R22											4 × 5	2.6			
0.33	R33											4 × 5	3.2			
0.47	R47											4 × 5	3.8			
1	010											4 × 5	6.2			
2.2	2R2											4 × 5	11			
3.3	3R3											4 × 5	14			
4.7	4R7								4 × 5	13	4 × 5	15	5 × 5	19		
10	100				4 × 5	15	4 × 5	18	5 × 5	23	5 × 5	25	6 × 5	30		
22	220	4 × 5	22	4 × 5	22	5 × 5	27	5 × 5	30	6 × 5	38	6 × 5	48			
33	330	5 × 5	30	5 × 5	30	5 × 5	35	6 × 5	40	6 × 5	48					
47	470	5 × 5	36	5 × 5	36	6 × 5	46	6 × 5	50							
100	101	6 × 5	60	6 × 5	60											

额定纹波电流 Rated ripple current(mA,+105°C, 120Hz)