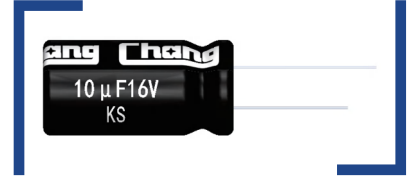


KS

特点 Features

- 保证105°C 1000小时。Endurance : 1000h at 105°C.
- 额定电压范围：6.3~63V。Rated Voltage Range : 6.3~63V.
- 低高度 (7) mm L。Low Profile (7)mm L.
- 满足RoHS。RoHS Compliant.



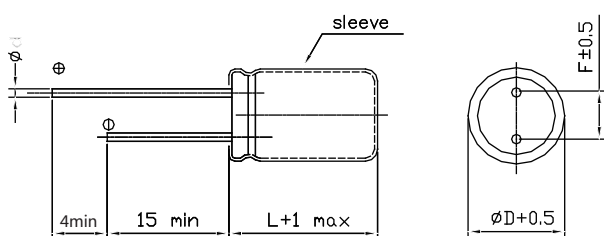
主要技术性能 Specifications

项目 Item	特性 Performance Characteristics																									
类别温度范围 Category Temperature Range	-40~+105°C																									
额定电压范围 Rated Voltage Range (U _R)	6.3~63V																									
标称电容范围 Rated Capacitance Range(C _R)	0.1~470μF	120Hz, +20°C																								
标称电容允许偏差 Rated Capacitance Tolerance(C _r)	±20%(M)	120Hz, +20°C																								
漏电流 Leakage Current(I _l)	≤0.01C _R U _R 或者3μA 取较大值 (Whichever is greater)	+20°C after 2 minutes																								
损耗角正切值 Tangent of loss angle(Tanδ)	<table border="1"> <tr> <td>U_R (V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>Tanδ</td> <td>0.22</td> <td>0.20</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.10</td> </tr> </table>	U _R (V)	6.3	10	16	25	35	50	63	Tanδ	0.22	0.20	0.16	0.14	0.12	0.10	0.10	Max. 120Hz, +20°C								
U _R (V)	6.3	10	16	25	35	50	63																			
Tanδ	0.22	0.20	0.16	0.14	0.12	0.10	0.10																			
低温特性 Characteristics at low temperature	<table border="1"> <tr> <td>U_R (V)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> </tr> <tr> <td>Z_{-25°C} / Z_{+20°C}</td> <td>4</td> <td>3</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> </tr> <tr> <td>Z_{-40°C} / Z_{+20°C}</td> <td>8</td> <td>6</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> </tr> </table>	U _R (V)	6.3	10	16	25	35	50	63	Z _{-25°C} / Z _{+20°C}	4	3	2	2	2	2	2	Z _{-40°C} / Z _{+20°C}	8	6	4	4	3	3	3	Max. 120Hz
U _R (V)	6.3	10	16	25	35	50	63																			
Z _{-25°C} / Z _{+20°C}	4	3	2	2	2	2	2																			
Z _{-40°C} / Z _{+20°C}	8	6	4	4	3	3	3																			
耐久性 Load life	+105°C, 不超过额定电压的范围下叠加额定纹波电流, 连续加载额定电压1000小时, 恢复16小时后: Overlay the rated ripple current within the range of rated voltage and continuously load the rated voltage for 1000 hours+105°C, and recover for 16 hours: 电容变化率Capacitance change : ±25%初始测量值以内 within ±25% of initial value 损耗角正切值 Tanδ : ≤2倍初始规定值 Not more than 200% of specified value 漏电流 Leakage current : ≤初始规定值 Not more than 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 recovery 16 hours: 电容变化率Capacitance change : ±25%初始测量值以内 within ±25% of initial value 损耗角正切值 Tanδ : ≤2倍初始规定值 Not more than 200% of specified value 漏电流 Leakage current : ≤2倍初始规定值 Not more than 200% of specified value																									

频率修正系数 Frequency Coefficient

Frequency (Hz)	Kf			
	60	120	1K	≥10k
0.1 ~ 68	0.8	1	1.3	1.5
100 ~ 470	0.8	1	1.15	1.2

尺寸图 Dimension drawings



单位 Unit: mm

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

规格特性表
Table of specifications and characteristics

U _R (V) C _R (μF)	6.3		10		16		25		35		50		63	
	ΦD×L mm*mm	I _{AC,max} 120Hz 105°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 105°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 105°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 105°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 105°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 105°C mA	ΦD×L mm*mm	I _{AC,max} 120Hz 105°C mA
0.1											4×7	1.5		
0.22											4×7	2.5		
0.33											4×7	3.5		
0.47											4×7	5.0		
1					4×7	6	4×7	7	4×7	6	4×7	10	4×7	12
2.2					4×7	8	4×7	9	4×7	8	4×7	19	4×7	18
3.3					4×7	10	4×7	11	4×7	10	4×7	24	5×7	25
4.7					4×7	12	4×7	15	4×7	22	4×7	27	5×7	28
10					4×7	24	4×7	28	4×7	29	5×7	40	6.3×7	40
22	4×7	31	4×7	33	4×7	37	5×7	45	5×7	50	6.3×7	60	8×7	65
					5×7	42	6.3×7	48	6.3×7	58	8×7	65		
33	4×7	37	4×7	41	5×7	48	5×7	52	6.3×7	59	8×7	78		
47	4×7	44	4×7	51	5×7	57	6.3×7	60	8×7	80	8×7	80		
100	5×7	68	5×7	75	6.3×7	89	8×7	115						
220	6.3×7	101	6.3×7	105	8×7	135								
			8×7	145										
330	8×7	120	6.3×7	110										
470	8×7	125												

ALUMINIUM ELECTROLYTIC CAPACITORS

SMD

MINIATURE

BI-POLAR

STANDARD

LOW-ESR

HIGH RELIABILITY

SNAP-IN

SCREW