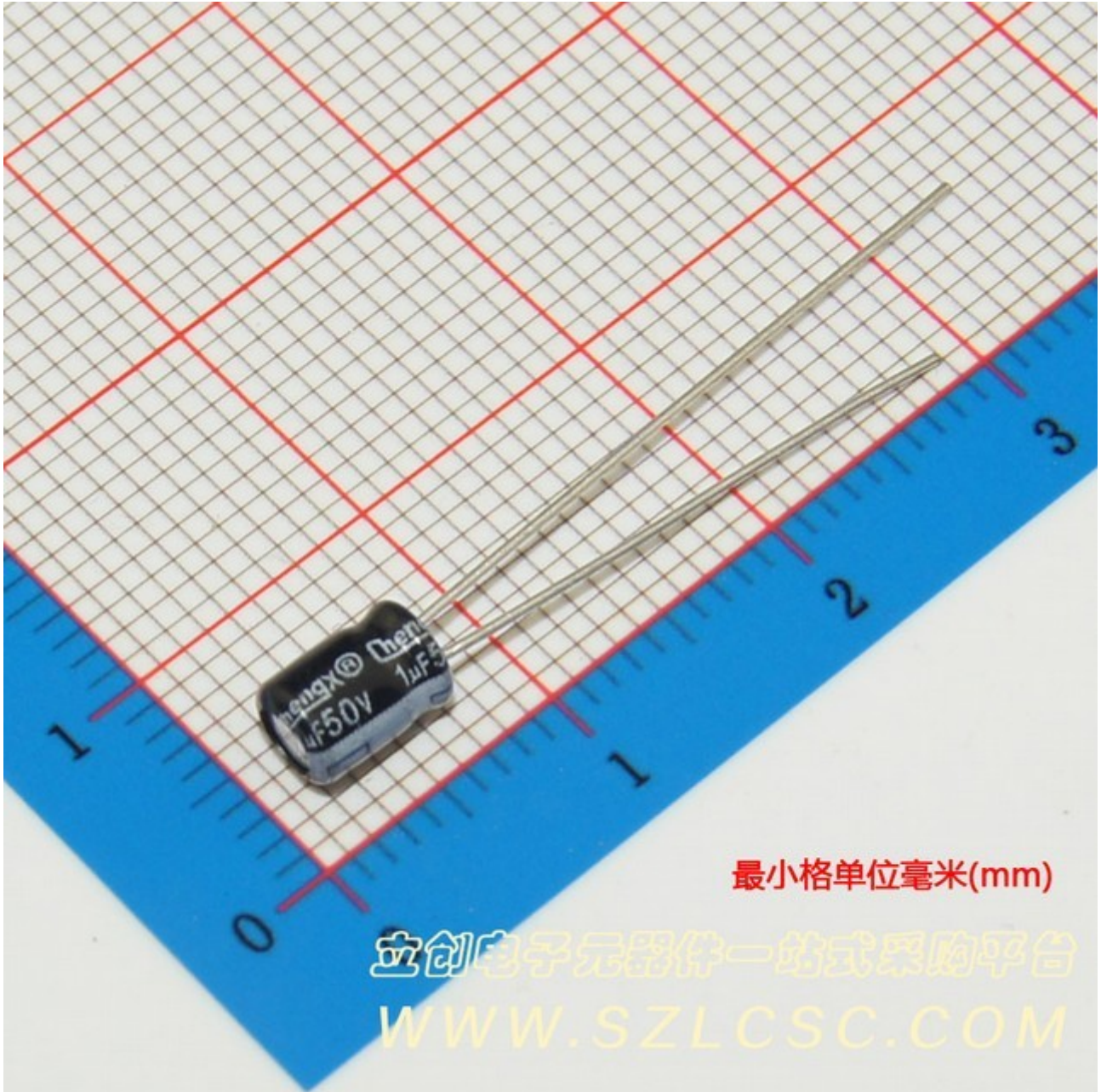


此商品编号对应的规格参数是: 1uF 50V 4\*5

此商品的实物图片为:

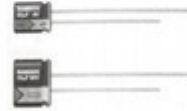


## KF Series

5mmL(高), +105°C

### FEATURES

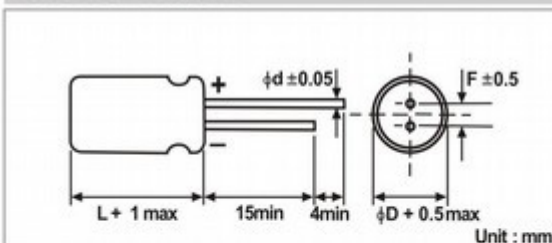
1. Super miniature, 5mmL, high temperature, suitable for use in electronic circuit of high density assembly of videocorder, remote controller, VCD etc.



### SPECIFICATIONS

Item	Performance Characteristics							
Operating Temperature Range	-40 to +105°C							
Rated Working Voltage Range	4 to 50V							
Nominal Capacitance Range	0.1 to 330 $\mu$ F							
Capacitance Tolerance	$\pm 20\%$ (120Hz, +20°C)							
Leakage Current	I $\leq$ 0.01CV or 3( $\mu$ A) whichever is greater measured after 2 minutes application of rated working voltage at +20 C							
tan $\delta$ (120Hz, +20°C)	Working Voltage (V)	4	6.3	10	16	25	35	50
	tan $\delta$ (max.)	0.37	0.28	0.24	0.20	0.16	0.13	0.12
Low Temperature Characteristics	Impedance ratio max. at 120Hz							
	Working Voltage (V)	4	6.3	10	16	25	35	50
	Z-25°C / Z+20°C	6	3	3	2	2	2	2
	Z-40°C / Z+20°C	12	8	5	4	3	3	3
High Temperature Loading	Test conditions				Post test requirements at +20°C			
	Duration : 1000 hours	Ambient temp. : +105°C			Leakage current : $\leq$ Initial specified value			Cap. change : within $\pm 20\%$ of initial measured value (4V: within $\pm 30\%$ )
	Applied voltage : Rated DC working voltage with rated ripple current				tan $\delta$ : $\leq 200\%$ of initial specified value			
Shelf Life	Test conditions				Post test requirements at +20°C			
	Duration : 1000 hours	Ambient temp. : +105°C			Leakage current : $\leq$ Initial specified value			Cap. change : within $\pm 20\%$ of initial measured value (4V: within $\pm 30\%$ )
	Applied voltage : (None)				tan $\delta$ : $\leq 200\%$ of initial specified value			
Others	JIS C - 5101 (IEC 60384)							

### CASE SIZE TABLE



$\phi$ D	4	5	6.3	8
F	1.5	2.0	2.5	2.5
$\phi$ d	0.45			

### RIPPLE CURRENT MULTIPLIER

Frequency Coefficient						
Cap( $\mu$ F)	Coefficient	50	120	300	1k	10k~
$\leq 47$		0.75	1.00	1.35	1.57	2.00
68~330		0.80	1.00	1.23	1.34	1.50

## KF Series

5mmL(高), +105°C

### STANDARD RATINGS

Voltage (Code)		4V (0G)		6.3V (0J)		10V (1A)		16V (1C)	
Cap.(μF)	Code	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current
0.1	104								
0.22	224								
0.33	334								
0.47	474								
1	105								
2.2	225								
3.3	335								
4.7	475								
10	106							4 x 5	18
22	226	4 x 5	22	4 x 5	22	4 x 5	24	5 x 5	30
33	336	5 x 5	30	5 x 5	30	5 x 5	35	6.3 x 5	40
47	476	5 x 5	36	5 x 5	36	6.3 x 5	46	6.3 x 5	50
100	107	6.3 x 5	60	6.3 x 5	60	6.3 x 5	67	6.3 x 5	73
220	227			8 x 5	103	8 x 5	116	8 x 5	126
330	337			8 x 5	127				

Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

Case Size φD x L(mm)

Voltage (Code)		25V (1E)		35V (1V)		50V (1H)			
Cap.(μF)	Code	Case Size	Ripple Current	Case Size	Ripple Current	Case Size	Ripple Current		
0.1	104					4 x 5	1.0		
0.22	224					4 x 5	2.6		
0.33	334					4 x 5	3.2		
0.47	474					4 x 5	3.8		
1	105					4 x 5	6.2		
2.2	225			4 x 5	7	4 x 5	11		
3.3	335			5 x 5	11	4 x 5	14		
4.7	475	4 x 5	13	4 x 5	15	5 x 5	19		
10	106	5 x 5	20	5 x 5	25	6.3 x 5	30		
22	226	6.3 x 5	38	6.3 x 5	48	8 x 5	52		
33	336	6.3 x 5	48	6.3 x 5	59	8 x 5	63		
47	476	6.3 x 5	58	8 x 5	82				
100	107	8 x 5	97						

Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

Case Size φD x L(mm)