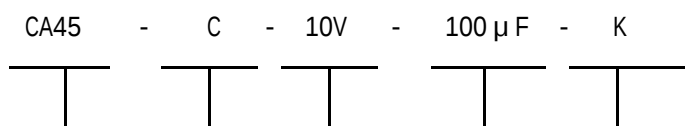




CA45-C-10V-100 μ F-K

1.

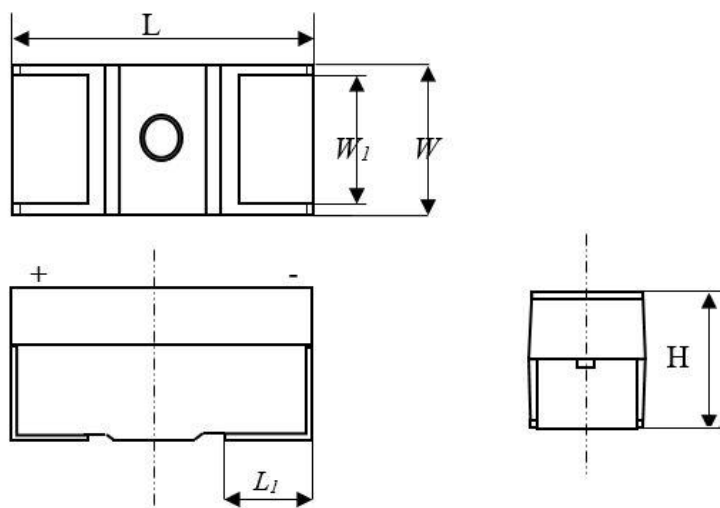
2.



K ± 10

3.

1 1



1

1

		mm				
	EIA	L	W	H	L1	W1
P	2012-12	2.0 ± 0.2	1.25 ± 0.2	1.2 ± 0.2	$0.5^{+0}_{-0.1}$	0.9 ± 0.1
A	3216-16	3.2 ± 0.2	1.6 ± 0.2	1.6 ± 0.2	0.65 ± 0.2	1.2 ± 0.2
B	3528-19	3.5 ± 0.2	2.8 ± 0.2	1.9 ± 0.2	0.8 ± 0.2	2.2 ± 0.2
C	6032-25	6.0 ± 0.3	3.2 ± 0.3	2.5 ± 0.3	1.3 ± 0.2	1.8 ± 0.2
D	7343-28	7.3 ± 0.3	4.3 ± 0.3	2.8 ± 0.3	1.3 ± 0.2	2.4 ± 0.2
E	7343-41	7.3 ± 0.3	4.3 ± 0.3	3.8 ± 0.3	1.3 ± 0.2	2.4 ± 0.2



4.

2

2

		-55 125			85
U_R		10V			
U_S		12V			85 1000
C_R		100 μ F			25 120Hz
		± 10			25 120Hz
DF		$\leq 8\%$			25 120Hz
DCL		$\leq 10 \mu$ A			25 5
ESR)		$\leq 1.7 \Omega$			25 100KHz
		C	DF	DCL	
		$\pm 10\%$	$\leq$	$\leq$	
	-55	-10	≤ 1.5	N/A	
	+25		$\leq$	$\leq$	
	+85	+10	≤ 1.5	≤ 10	
	+125	+20	≤ 2	≤ 12	
		$\pm 10\%$	$\leq$	≤ 1.25	-55 +125 5
		$\pm 10\%$	$\leq$	$\leq$	260 10
					Tmax=260
		-10%/+20%	≤ 1.5	≤ 2	60 90 95%RH 500h
		-20%/+10%	≤ 1.5	≤ 2	85 2000h
					125 2000h
		$\lambda_0=1\%/1000hrs$			

5.

5.1

1

2

3

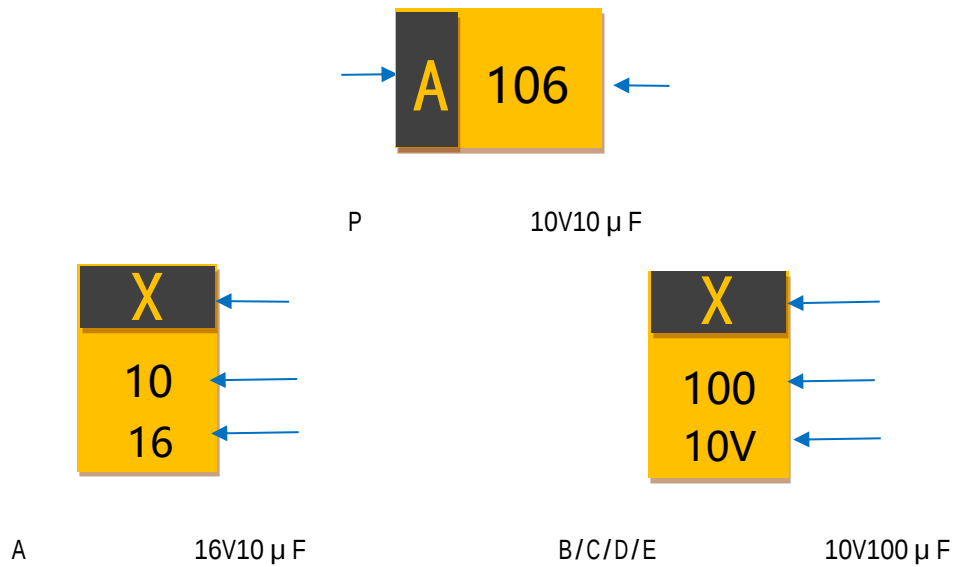


5.2

2

5.3

3



2

3

	2.5V	4V	6.3V	10V	16V	20V	25V	35V	50V
	e	G	J	A	C	D	E	V	T

6.

6.1

6.2

7.

7.1

3

4

5

7.2

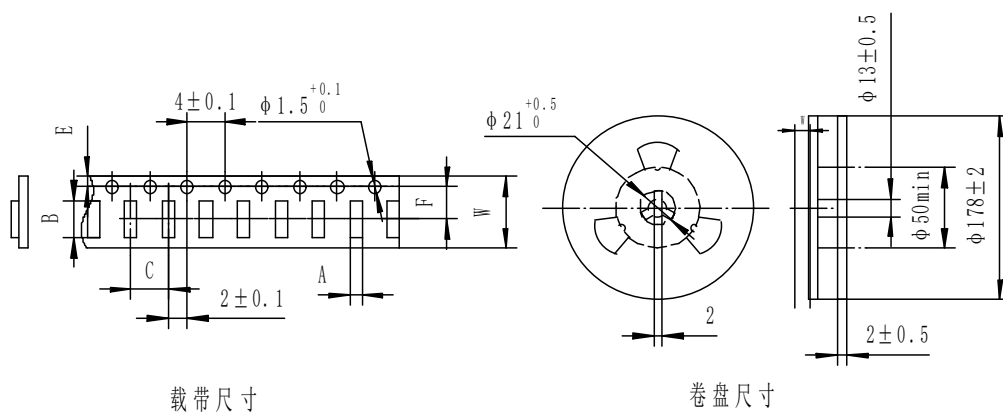
4

4

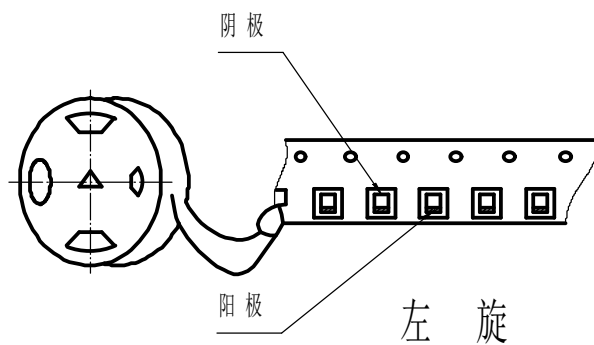
	()		()
P	3000	5	15000
A	2000	5	10000
B	2000	5	10000
C	500	4	2000
D	500	4	2000
E	400	4	1600



7.3



3



4

5

mm

	$W \pm 1.5$	$A \pm 0.2$	$B \pm 0.1$	$C \pm 0.1$	$E \pm 0.1$	$F \pm 0.1$	$W1 \pm 0.3$
P	8.0	1.4	2.2	4.0	1.75	3.5	9.0
A	8.0	1.9	3.5	4.0	1.75	3.5	9.0
B	8.0	3.1	3.8	4.0	1.75	3.5	9.0
C	12.0	3.6	6.4	8.0	1.75	5.5	13.0
D	12.0	4.6	7.6	8.0	1.75	5.5	13.0
E	12.0	4.6	7.6	8.0	1.75	5.5	13.0



8.

8.1

8.1.1 C DF

• $U_1 = 2.2^{+0}_{-1} V$ $U = 1.0^{+0}_{-0.5} V$

•

8.1.2 DCL

• $1K\Omega$ 3 5

•

•

$1K\Omega$

5 30

8.1.3 ESR

• 100KHz $U_1 = 2.2^{+0}_{-1} V$ $U = 1.0^{+0}_{-0.5} V$

•

LCR

8.2

8.2.1

•

8.2.2 /

• 90

1/3

2/3

300mA

1ms

•

$3\Omega/V$

300mA

1/3

$0.1\Omega/V$

8.3

8.3.1

•

30W

260

4

•

150

5

235

10

•

6 5



6

a	
Tsmin	150
Tsmax	200
Tsmin Tsmax ts	60s 120s
TL	217
tL	60s 150s
	1 /s 3 /s
TP	260
5 tp	30s
	2 /s 6 /s
25	8min

a

•

5

•

8.3.2

1

2

3

4

5

8.4

•

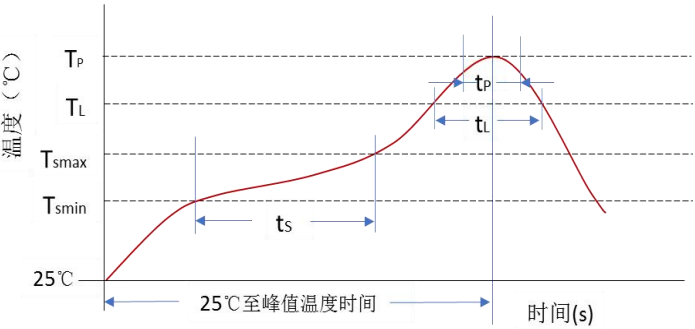
•

8.5

5 35

≤ 60 RH

2



5