

### Features

Small units with high stable performance ,lower current leakage and dissipation factor,stable frequency and temperature and long life.  
Suitable for military equipment ,computer,telephone and other electronic products.Meets IEC384-15-3 and GB7215-87 standard.

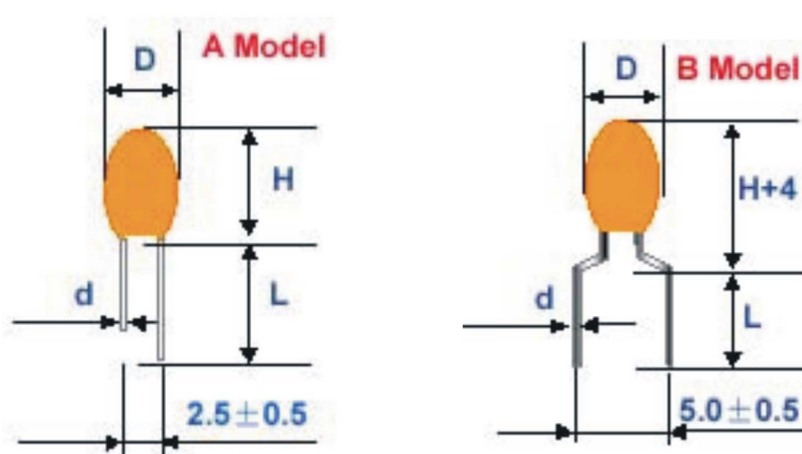
### General characteristics

- Operating temperature:-55°C ~+125°C.
- Capacitance Tolerance:±20%,±10%,±5%(special order).
- Capacitance Range:0.1uF~330uF.
- DC leakage current(20°C): $I_L \leq 0.02C_r U_r$  or 1uA  
 $I_L \leq 0.01C_r U_r$  or 0.5uA(special order),(whichever is greater).
- Climatic category:55/125/10.
- Life test: 1000 hours.



Capacitance (uF)	Capacitance change(%)			Max D.F(%)				Max DCL(uA)	
	-55°C	+85°C	+125°C	-55°C	+20°C	+85°C	+125°C	+85°C	+125°C
≤1.0	±10	±15	±25	6	4	6	6	10 I.	12.5 I.
1.5~6.8				8	6	8	8		
10~68				10	8	10	10		
100~330				12	10	12	12		

### Exterior and Dimension



### Dimensions in mm

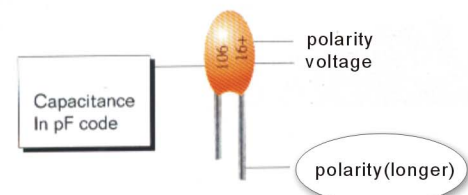
Case size	D(max)	H(max)	L(±1)	d(±0.05)
A	4.0	6.0	14	0.5
B	4.8	7.2	14	0.5
C	5.5	8.0	14	0.5
D	6.0	9.4	14	0.5
E	7.2	11.5	14	0.5
F	8.2	12.5	14	0.5

### Rating and case code

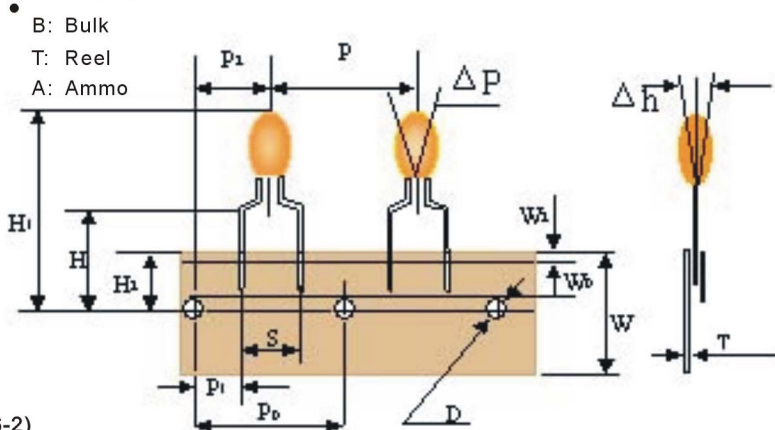
Capacitance(uF)	C CODE	4	6.3	10	16	25(20)	35	50
0.1	104						A	A
0.15	154						A	A
0.22	224						A	A
0.33	334						A	A
0.47	474						A	A
0.68	684						A	A
1.0	105				A	A	A	B
1.5	155				A	A	A	C
2.2	225			A	A	A	B	C
3.3	335		A	A	A	B	B	D
4.7	475	A	A	A	B	B	C	D
6.8	685	A	A	B	B	C	D	E
10	106	A	B	B	B	C	D	E
15	156	A	B	C	C	D	E	F
22	226	B	C	C	C	D	E	F
33	336	B	C	D	D	E	F	
47	476	C	D	D	D	E	F	
68	686	D	D	D	E	F		
100	107	D	E	E	E	F		
150	157	E	E	E	F			
220	227	E	E	F				
330	337	F	F					

### Marking and packaging

#### • Marking



#### • Packaging tape:



#### • Dimension of tape and reel(Per specification IEC286-2)

Symbol	Dimensions(mm)	Symbol	Dimensions(mm)
P	12.7±1.0	D	4.0±0.2
P <sub>0</sub>	12.7±0.3	T	0.5±0.2
W	18 <sup>+1</sup> <sub>-0.5</sub>	Δh	0±2.0
W <sub>0</sub>	5min	H	16±0.5
H <sub>2</sub>	9 <sup>+0.75</sup> <sub>-0.5</sub>	S	2.5±0.5
W <sub>2</sub>	0 <sup>+1</sup> <sub>0</sub>	P <sub>1</sub>	5.10±0.5
H <sub>1</sub>	32.5max	P <sub>2</sub>	6.35±0.4
		ΔP	±1.3max