Features and Applications

1. Molded case available in five case codes. Axial lead. Tubular. Polar Capacitors.
2. Excellent and stable electricity performance. High reliability. Low dissipation factor and DC leakage current. Long life. Small size, easy to mount. Equal to Kemet type T322.
3. Suitable for high-request consumer electronic equipment such as communication equipment, instruments, astronavigation equipment, etc.

Performance and Characteristics

Operating Temperature：-55℃ to +85℃.（To +125℃ with voltage derating.）
Rated Voltage, Derating Voltage: See table 3.
Capacitance Tolerance：At 100Hz,+25℃, ±10%; ±20% standard. ±5%, special order.
DC Leakage Current at 25℃：$DCL_{Max} \leqslant 0.01 C_R U_R$（μA）or 0.5μA（Whichever is greater）.
Dissipation Factor（D.F）：At 100Hz, +25℃. D.F won't exceed the values in table 2.
Temperature Performance：No more than maximum limits in table 2.
Dimensions and Weight(Max.)：See Outline drawings and table 1.

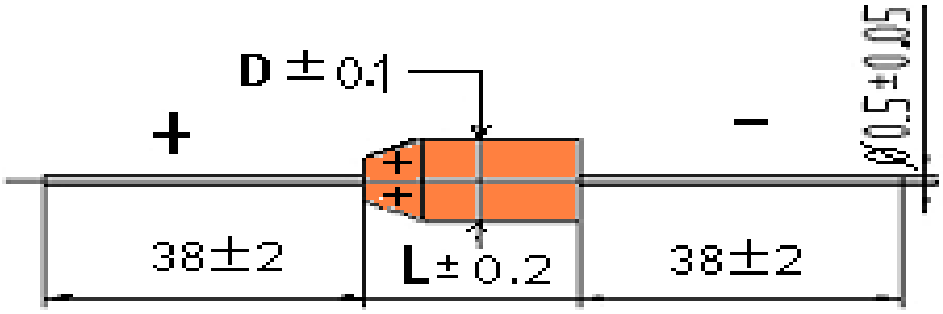

Table 1 Dimensions and Weight(Max.)

Case Code	D×L mm		Weight(Max.) g
A	2.4	6.6	0.4
B	2.8	7.4	0.5
C	4.6	8.8	0.8
D	4.6	10.7	1.0
E	7.0	18	2.5

Table 2 Temperature Performance

Cap (C_R) μF	Capacitance Change %			Maximum					
				D.F(%)				DCL(μA)	
	-55℃	85℃	125℃	-55℃	25℃	85℃	125℃	85℃	125℃
≤3.3	±10	±10	±15	6	3	3	4	8Io	10Io
4.7~33				8	4	5	6		
47~68				8	5	7	8		
100~220				10	7	9	10		
330~680				12	10	12	12		

Remarks：1）Test Voltage：$U_{-}=2.2^{0}_{-1.0}$V；$U_{\sim}=1.0^{0}_{-0.5}$V (RMS). Test frequency：100Hz.
2）To 125℃ with voltage derating.

Table 2 Rating Voltage、Derating Voltage、Nominal Capacitance

U_R (V)	4		6.3		10		16		20		25		35		50	
Uc (V)	2.5		4		6.3		10		13		16		20		32	
C_R (uF)	Case Code															
	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.	Std.	Ext.
0.1													A		A	
0.15													A		A	
0.22													A		A	
0.33											A		A		B	A
0.47									A		A		A		B	A
0.68									A		A		B	A	C	B
1							A		A		A		B	A	C	
1.5					A		A		A		B	A	B	A	C	
2.2			A		A		A		B	A	B	A	C	B	C	
3.3	A		A		A		B	A	B	A	B		C		D	C
4.7	A		A		B	A	B	A	B	A	C	B	C		D	
6.8	A		B	A	B	A	B	A	C	B	C		D	C	E	
10	B	A	B	A	B	A	C	B	C	B	C		D	C	E	
15	B	A	B	A	C	B	C		D	C	D	C	E	D	E	
22	B	A	C	B	C	B	D	C	D	C	D	C	E			
33	C	B	C	B	D	C	D	C	E	D、C	E	D、C	E			
47	C	B	D	C	D	C	E	D、C	E	D、C	E	D	E			
68	D	C	D	C	E	D、C	E	D、C	E	D	E					
100	E	D、C	E	D、C	E	D、C	E	D	E	D	E					
150	E	D、C	E	D、C	E	D、C	E		E							
220	E	D、C	E	D	E	D	E									
330	E	D	E	D	E											
470	E		E													
680	E															

Remarks： 1) U_R is Rating Voltage, Uc is Derating Voltage, C_R is Nominal Capacitance.

2) Std is standard case. Ext is extended case, it is smaller than standard case.

3) Please mark case code when ordering.