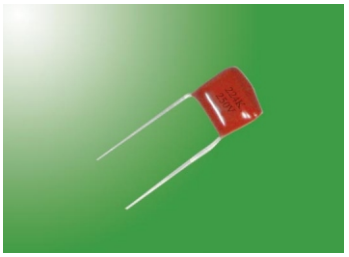
TMCF02 Polyester Film Non Indutive Capacitor(PEN)

Features

- Low dissipation factor,high reliability and good stability.
- High peak current capability
- Widely used in filter, block, by-pass and coupling circuits.

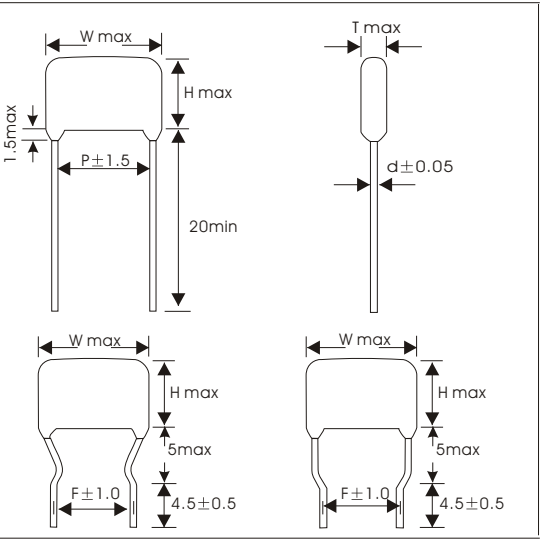


Configuration

Non-inductive structure, wound with polyester film as the dielectric and aluminum foil as the electrode, with copper-clad steel leads and flame retardation epoxy resin powder coating.

Specifications &Outline Drawing

Reference Standard	Gb6346
Climatic Category	40/85/21
Rated Voltage	100V,250V,400V,630V
Capacitance Range	0.001~0.47 μF
Capacitance Tolerance	±5%(J), ±10%（K）,±20%（M）
Voltage Proof	Terminal to Terminal:(at 20±5℃) 2.5U_R applied for 2 sec.(cut off current 10mA)
Dissipation Factor	1.0%（max) at 1kHz
Insulation Resistance	≥9000MΩ (CR≤0.33 μF) ≥3000MΩ (1.0 μF>CR>0.33 μF) 20±5℃,100V,1min ≥1000MΩ (CR≥1.0 μF)



Dimensions

Cap. / μF	50,100VDC					250VDC					400VDC					630VDC				
	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d	W	H	T	P	d
	Max	Max	Max	±1	±0.05	Max	Max	Max	±1	±0.05	Max	Max	Max	±1	±0.05	Max	Max	Max	±1	±0.05
0.0010	11	10	5	7.5	0.6	11	10	5	7.5	0.6	11	10	6	7.5	0.6	11	10	6	7.5	0.6
0.0015	11	10	6	7.5	0.6	11	10	6	7.5	0.6	11	10	6	7.5	0.6	11	10	6	7.5	0.6
0.0022	11	10	6	7.5	0.6	11	10	6	7.5	0.6	11	10	6	7.5	0.6	11	10	7	7.5	0.6
0.0033	11	10	6	7.5	0.6	11	10	6	7.5	0.6	11	10	6	7.5	0.6	14	11	7	10	0.6
0.0047	11	10	6	7.5	0.6	11	10	6	7.5	0.6	11	11	7	7.5	0.6	14	12	7	10	0.6
0.0068	11	10	6	7.5	0.6	11	10	6	7.5	0.6	14	10	7	10	0.8	19	13	8	15	0.8
0.01	11	10	6	7.5	0.6	11	10	6	7.5	0.6	14	13	9	10	0.8	20	13	8	15	0.8
0.015	11	10	6	7.5	0.6	14	10	6	10	0.6	14	13	10	10	0.8					
0.022	11	10	6	7.5	0.6	14	11	6	10	0.6	19	13	10	15	0.8					
0.033	14	10	6	10	0.6	14	13	7	15	0.8										
0.047	14	12	6	10	0.6	14	14	8	15	0.8										
0.068	14	13	8	10	0.6	19	16	9	15	0.8										
0.1	14	13	8	10	0.6	19	17	9	16	0.8										
0.15	20	14	8	15	0.8	20	18	10	21	0.8										
0.22	20	15	9	15	0.8	26	21	11	21	0.8										
0.33	20	18	11	15	0.8	26	22	12	27.5	0.8										
0.47	20	22	13	15	0.8	31	24	13	27.5	0.8										