



TMCF15 Metallized Polypropylene Film Capacitor(MPP)

Distributeur : JBG-METAFIX

Features

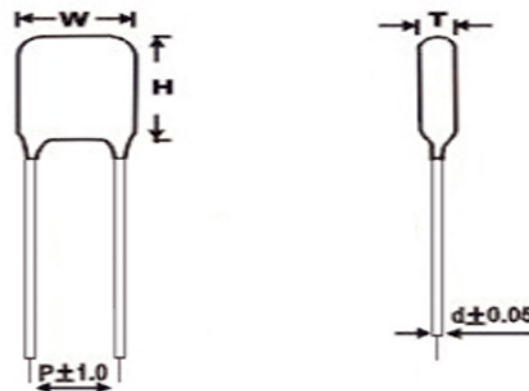
- Very low loss at high frequency, high dv/dt ability due and suitable for high current.
- High insulation resistance, long life due to self-healing effect.
- Widely used in high frequency ,DC,AC and pulse circuits.

Outline Drawing

Are non-inductively wound with metallized polypropylene film as dielectric/electrode with copper-clad steel leads and epoxy resin coating.

Specifications

Reference Standard	GB100190-88(IEC 60384-16)
Climatic Category	40/85/21
Rated Voltage	100/160V,250V ,400V,630V
Capacitance Range	0.0033~6.8 μ F
Capacitance Tolerance	$\pm 5\%$ (J) , $\pm 10\%$ (K) , $\pm 20\%$ (M)
Voltage Proof	1.6U _R (5s)
Dissipation Factor	$\leq 0.1\%$ (20℃,1KHz)
Insulation Resistance (20℃,1min)	$\geq 25000M\ \Omega$ (CR $\leq 0.33\ \mu$ F) $\geq 7500s$ (CR $> 0.33\ \mu$ F)



Dimensions

CAP μ F	250VDC				400VDC				630VDC			
	W(mm)	T(mm)	H(mm)	P(mm)	W(mm)	T(mm)	H(mm)	P(mm)	W(mm)	T(mm)	H(mm)	P(mm)
0.0047	12.0	4.3	8.8	10.0	12.0	4.3	8.8	10.0	12.0	4.3	8.8	10.0
0.0056	12.0	4.0	8.2	10.0	12.0	4.0	8.2	10.0	12.0	4.0	8.2	10.0
0.0068	12.0	4.2	8.5	10.0	12.0	4.2	8.5	10.0	12.0	4.2	8.5	10.0
0.0082	12.0	4.2	9.5	10.0	12.0	4.2	9.5	10.0	12.0	4.2	9.5	10.0
0.01	12.0	4.8	10.0	10.0	12.0	4.8	10.0	10.0	12.0	4.8	10.0	10.0
0.012	12.0	5.0	10.3	10.0	12.0	5.0	10.3	10.0	12.0	5.0	10.3	10.0
0.015	12.0	4.5	9.6	10.0	12.0	4.5	9.6	10.0	12.0	4.0	8.3	10.0
0.016	12.0	4.3	9.5	10.0	12.0	4.3	9.6	10.0	12.0	4.3	9.5	10.0
0.022	12.0	4.7	9.8	10.0	12.0	4.7	9.8	10.0	12.0	4.7	9.8	10.0
0.027	12.0	5.0	10.2	10.0	12.0	5.0	10.0	10.0	12.0	5.0	10.2	10.0
0.033	12.0	5.5	10.6	10.0	12.0	5.5	10.6	10.0	12.0	5.5	10.6	10.0
0.039	12.0	4.8	9.2	10.0	12.0	4.8	9.2	10.0	12.0	6.0	11.2	10.0
0.047	12.0	5.0	9.0	10.0	12.0	9.0	5.0	10.0	12.0	6.5	11.8	10.0
0.056	12.0	5.2	10.5	10.0	12.0	5.2	10.5	10.0	12.0	7.0	12.3	10.0
0.068	12.0	5.7	11.0	10.0	12.0	5.7	11.0	10.0	17.0	6.0	10.8	15.0
0.082	12.0	6.3	11.5	10.0	12.0	6.3	11.5	10.0	17.0	5.7	12.3	15.0
0.1	12.0	7.0	12.0	10.0	12.0	7.0	12.0	10.0	17.0	6.2	12.8	15.0
0.15	17.0	6.0	11.0	15.0	17.0	6.0	11.0	15.0	17.0	7.4	14.0	15.0
0.18	17.0	6.5	11.6	15.0	17.0	6.5	11.6	15.0	17.0	8.2	15.2	15.0
0.22	17.0	6.0	11.2	15.0	17.0	6.8	13.3	15.0	22.5	7.2	14.0	20.0
0.27	17.0	6.0	12.8	15.0	17.0	7.5	14.3	15.0	22.5	8.3	15.2	20.0
0.33	17.0	6.8	13.5	15.0	17.0	8.3	14.7	15.0	22.5	9.0	15.6	20.0
0.39	17.0	7.3	14.2	15.0	17.0	8.8	15.4	15.0	22.5	9.5	16.8	20.0
0.47	22.5	6.8	13.6	20.0	22.5	8.2	15.0	20.0	22.5	10.2	18.5	20.0
0.56	22.5	7.5	14.3	20.0	22.5	9.0	15.5	20.0	22.5	11.0	19.4	20.0
0.68	22.5	8.3	15.2	20.0	22.5	10.3	17.0	20.0	22.5	12.4	20.6	20.0
0.82	22.5	9.0	16.0	20.0	22.5	10.2	18.5	20.0	22.5	13.2	21.7	20.0
1.0	22.5	10.0	17.0	20.0	22.5	11.3	19.5	20.0	28.5	13.8	22.3	26.0
1.2	22.5	10.5	19.0	20.0	22.5	12.5	20.6	20.0	28.5	14.2	22.8	26.0
1.5	22.5	11.8	20.5	20.0	28.5	13.2	20.7	26.0	33.5	14.8	23.5	31.0
1.8	28.5	11.0	19.5	26.0	28.5	13.5	22.0	26.0	33.5	15.8	24.0	31.0
2.2	28.5	12.2	20.7	26.0	33.5	13.5	22.0	31.0	33.5	17.5	27.7	31.0
3.3	33.5	13.0	23.0	31.0	33.5	15.3	25.0	31.0	33.5	21.8	32.0	31.0
4.7	33.5	15.6	25.0	31.0	33.5	17.5	27.3	31.0	43.5	22.3	32.5	41.0

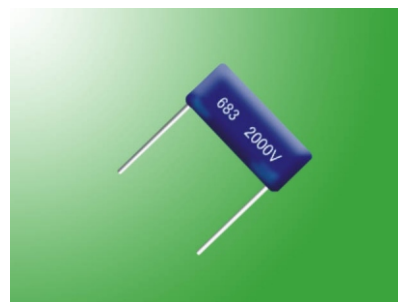
Distributeur : JBG-METAFIX

Features:

- Very low loss at high frequency, suitable for high current
- Excellent frequency and temperature characteristics
- High insulation resistance, self-healing effect
- Widely used in high frequency, DC, AC and pulse circuits

Configuration

Non-inductive, wound with polypropylene film as the dielectric and aluminum foil as the electrode with copper-clad steel leads and epoxy resin coating.



Specifications&Outline Drawing

Reference Standard	GB10188-88(IEC60384-13)
Climatic Category	40/85/21
Rated Voltage	800V、1000V、1200V、1600V、2000V
Capacitance Range	0.001~0.47 μ F
Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K)
Voltage Proof	2U _R (5s)
Dissipation Factor	$\leq 0.08\%$ (20℃,10kHz)
Insulation Resistance (20℃,1min)	$\geq 30000M\Omega$ (CR $\leq 0.1\mu$ F) $\geq 3000s$ (CR $\leq 0.1\mu$ F)

Technical drawing of a capacitor showing three views: side, end, and front. Dimensions include W (width), H (height), T (thickness), P (pitch), D (diameter), Ft (foot length), and F (foot width). Tolerances are specified for P, D, Ft, and F.

Dimensions

[illegible]