

TMCF05 Miniature Metallized Polyester Film Capacitor

Features

- Wide capacitance range, small size, high capacitance rate.
- Long life due to self-healing effect.
- Suitable for block, by-pass and coupling of DC and signals to VHF range.
- Widely used in filter, noise suppression and low pulse circuits.

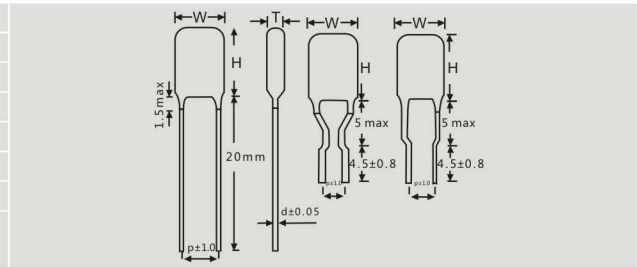
Configuration

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



Specifications & Outline Drawing

Reference Standard	GB7335-87
Climatic Category	55/85/21
Rated Voltage	50V, 63V, 100V
Capacitance Range	0.001~1.0 μ F
Capacitance Tolerance	$\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M)
Voltage Proof	1.6U _r (5s)
Dissipation Factor	$\leq 0.8\%$ (20°C, 1kHz)
Insulation Resistance (20°C, 1min)	$\geq 15000M\Omega$ (C _r $\leq 0.33\mu$ F) $\geq 5000s$ (C _r $> 0.33\mu$ F)



Dimensions

Cap μ F	50-100VDC			
	W(mm)	T(mm)	H(mm)	P(mm)
0.001	7.3	4.0	7.0	5.0
0.0012	7.3	4.0	7.0	5.0
0.0015	7.3	4.0	7.0	5.0
0.0016	7.3	4.0	7.0	5.0
0.0022	7.3	4.0	7.0	5.0
0.0027	7.3	4.0	7.0	5.0
0.0033	7.3	4.0	7.0	5.0
0.0039	7.3	4.0	7.0	5.0
0.0047	7.3	4.0	7.0	5.0
0.0056	7.3	4.0	7.0	5.0
0.0068	7.3	4.0	7.0	5.0
0.0082	7.3	4.0	7.0	5.0
0.010	7.3	4.0	7.0	5.0
0.012	7.3	4.0	7.0	5.0
0.015	7.3	4.0	7.0	5.0
0.018	7.3	4.0	7.0	5.0
0.022	7.3	4.0	7.0	5.0
0.027	7.3	4.0	7.0	5.0
0.033	7.3	4.5	7.5	5.0

Cap μ F	50-100VDC			
	W(mm)	T(mm)	H(mm)	P(mm)
0.039	7.3	4.5	7.5	5.0
0.047	7.3	4.5	7.5	5.0
0.056	7.3	4.5	8.0	5.0
0.068	7.3	4.5	8.0	5.0
0.082	7.3	4.5	8.0	5.0
0.10	7.3	4.5	9.5	5.0
0.12	10.2	4.5	8.0	7.5
0.15	10.2	4.5	9.0	7.5
0.18	10.2	4.5	9.0	7.5
0.22	10.2	5.0	9.5	7.5
0.27	10.2	5.5	10.0	7.5
0.33	10.2	5.0	8.0	7.5
0.39	10.2	5.0	8.5	7.5
0.47	10.2	6.0	10.2	7.5
0.56	10.2	6.0	9.0	7.5
0.68	10.2	6.5	9.5	7.5
0.82	10.2	7.0	10.0	7.5
1.0	10.2	7.5	11.0	7.5