Suntan

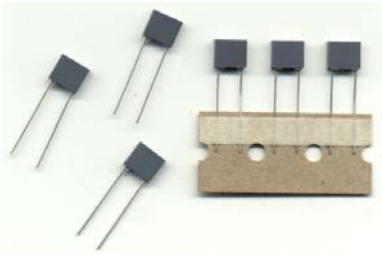
METALLIZED POLYESTER FILM CAPACITOR-MINI BOX

NON-INDUCTIVE, PLASTIC CASE AND EPOXY RESIN

TS05

FEATURES

- High reliability
- Box type provides the identical outer appearance



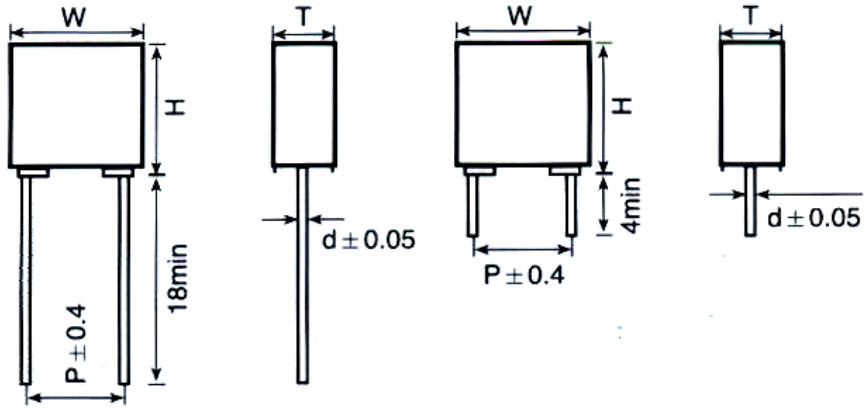
SPECIFICATIONS

Reference Standard	GB7332 (IEC 60384-2)		
Climatic Category	55/100/56		
Rated Voltage	50V, 63V, 100V, 250V, 400V		
Capacitance Range	0.0010 μF~2.2 μF		
Capacitance Tolerance	±5%(J), ±10%(K), ±20%(M)		
Voltage Proof	1.6 U_R (5s)		
Dissipation Factor	Frequency	$C_R \leqq 0.1\ \mu F$	$C_R > 0.1\ \mu F$
	1kHz	≦1.0%	≦1.0%
	10kHz	≦1.5%	≦1.5%
	100kHz	≦3.0%	—
Insulation Resistance	U_R>100V	≧30 000MΩ (20℃, 100V, 1min)	
	$U_R \leqq 100V$	≧15 000MΩ, $C_R \leqq 0.33\ \mu F$ (20℃, 100V, 1min) ≧5 000s, $C_R > 0.33\ \mu F$	

If the working voltage (U) is lower than the rated voltage (U_R), the capacitor can be worked at a higher dv/dt. In this case, the maximum allowed dv/dt is obtain by multiplying the right value with U_R/U

U_R(V)	dv/dt(V/μs)
50	25
63	25
100	30
250	40
400	80

Outline Drawing



Dimensions (mm)		
(Capacitor Tickness)T	≦3.5	>3.5
(Lead Wire Dia.)d±0.05	0.5	0.6
(Dimension Tolerance: W, H, T)	±0.4	

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(μF)	50VDC				63VDC				100VDC				250VDC				400VDC			
	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P	W	H	T	P
0.0010	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0
0.0015	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0
0.0022	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0
0.0033	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0
0.0047	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0
0.0068	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	7.5	3.5	5.0
0.010	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	7.5	3.5	5.0
0.015	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	9.5	4.5	5.0
0.022	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	7.5	3.5	5.0	7.2	9.5	4.5	5.0
0.033	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	7.5	3.5	5.0	7.2	10.0	5.0	5.0
0.047	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	9.5	4.5	5.0	7.2	11.0	6.0	5.0
0.068	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	9.5	4.5	5.0				
0.10	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	7.5	3.5	5.0	7.2	10.0	5.0	5.0				
0.15	7.2	6.5	2.5	5.0	7.2	6.5	2.5	5.0	7.2	9.5	4.5	5.0	7.2	11.0	6.0	5.0				
0.22	7.2	7.5	3.5	5.0	7.2	7.5	3.5	5.0	7.2	10.0	5.0	5.0	7.2	11.0	6.0	5.0				
0.33	7.2	7.5	3.5	5.0	7.2	7.5	3.5	5.0	7.2	11.0	6.0	5.0								
0.47	7.2	7.5	3.5	5.0	7.2	9.5	4.5	5.0	7.2	11.0	6.0	5.0								
0.68	7.2	9.5	4.5	5.0	7.2	10.0	5.0	5.0												
1.0	7.2	10.0	5.0	5.0	7.2	11.0	6.0	5.0												
1.5	7.2	11.0	6.0	5.0	7.2	11.0	6.0	5.0												
2.2	7.5	13.0	7.5	5.0																