

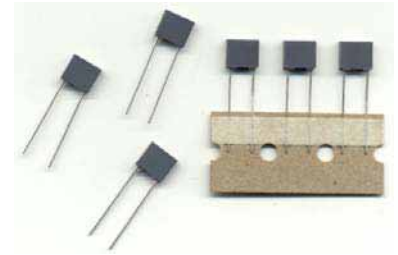
METALLIZED POLYESTER FILM CAPACITOR-MINI BOX

NON - I N D U C T I V E , P L A S T I C C A S E A N D E P O X Y R E S I N

TS05

FEATURES

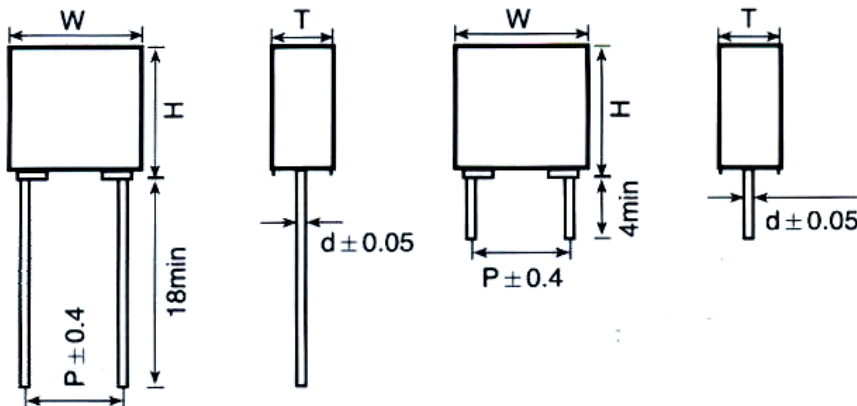
- High reliability
- Box type provides the identical outer appearance



S P E C I F I C A T I O N S

Reference Standard	GB7332 (IEC 60384-2)		
Climatic Category	55/100/56		
Rated Voltage	50V, 63V, 100V, 250V, 400V		
Capacitance Range	0.0010 μ F ~ 2.2 μ F		
Capacitance Tolerance	\pm 5%(J), \pm 10%(K), \pm 20%(M)		
Voltage Proof	1.6 U_R (5s)		
Dissipation Factor	Frequency	$C_R \leq 0.1 \mu$ F	$C_R > 0.1 \mu$ F
	1kHz	$\leq 1.0\%$	$\leq 1.0\%$
	10kHz	$\leq 1.5\%$	$\leq 1.5\%$
	100kHz	$\leq 3.0\%$	—
Insulation Resistance	$U_R > 100V$	$\geq 30\,000M\Omega$ (20°C, 100V, 1min)	
	$U_R \leq 100V$	$\geq 15\,000M\Omega, C_R \leq 0.33 \mu$ F (20°C, 100V, 1min) $\geq 5\,000s, C_R > 0.33 \mu$ 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/ μ s)	
	50	25	
	63	25	
	100	30	
	250	40	
	400	80	

Outline Drawing



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

