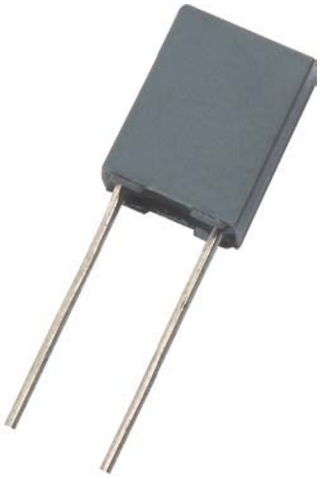
Box Type Met Polyester Film Capacitor, Stacked –

FEATURES



- High dv / dt ability and small size due to stacked construction
- Non-inductive, Plastic case and epoxy resin

SPECIFICATIONS

- Reference Standard: GB7332 (IEC 60384-2)
- Climatic Category: 55/ 100/ 56
- Rated Temperature: 85℃
- Operating Temperature Range: -55℃~ +105℃ (+85℃ to +105℃: decreasing factor 1.25% per for ℃ V_R (DC))
- Rated Voltage: 63V, 100V, 250V, 400V, 500V, 630V
- Capacitance Range: 0.001 ~ 1.0uF
- Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M)
- Voltage Proof: Type A: 1.6U_R (5s) ; Type B: 1.4U_R (5s)
- Insulation Resistance

U_R>100V	≥30,000MΩ, C_R≤0.33μ F	(20℃, 100V, 1min)
U_R≤100V	≥15,000MΩ, C_R≤0.33μ F ≥5,000s, C_R>0.33μ F	(20℃, 10V, 1min)

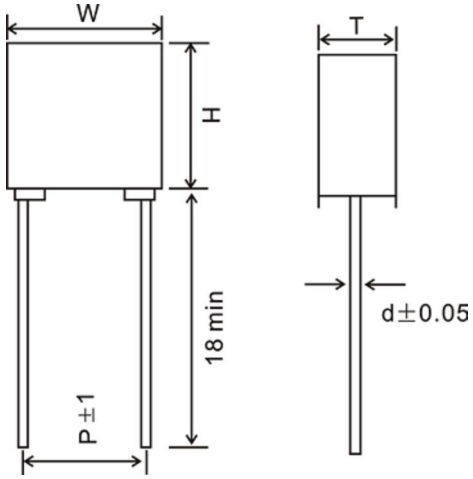
- Dissipation Factor

Frequency	C_R≤0.1μ F	C_R>0.1μ F
1KHz	≤1.0%	≤1.0%
10KHz	≤1.5%	≤1.5%
100KHz	≤3.0%	---

- 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)	
	Type A	Type B
63	250	75
100	300	85
250	400	100
400	600	150
500	700	200
630	800	200

Outline Drawing



DIMENSIONS (mm)

(Capacitor Tickness) T	≤3.5	>3.5
(Lead Wire Diz.)d±0.05	0.5	0.6
(Dimension Tolerance: W, H, T)	±0.2	±0.4

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STANDARD SIZE

Type A (P: 5mm)

Series Code for Type A:

(μF)	63VDC			100VDC			250VDC			400VDC			500VDC			630VDC		
	W	H	T	W	H	T	W	H	T	W	H	T	W	H	T	W	H	T
0.0010	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5
0.0012	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5
0.0015	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5
0.0018	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0022	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0027	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5
0.0033	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	7.5	3.5
0.0039	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	7.5	3.5
0.0047	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5
0.0056	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	7.5	3.5	7.2	9.5	4.5
0.0068	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5	7.2	9.5	4.5
0.0082	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5	7.2	9.5	4.5
0.010	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	9.5	4.5	7.2	10.0	5.0
0.012	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	9.5	4.5	7.2	11.0	6.0
0.015	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	10.0	5.0	7.2	11.0	6.0
0.018	7.2	6.5	2.5	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	11.0	6.0	7.2	11.0	6.0
0.022	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0	7.2	11.0	6.0	--	--	--
0.027	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	11.0	6.0	7.2	11.0	6.0	--	--	--
0.033	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	11.0	6.0	--	--	--	--	--	--
0.039	7.2	6.5	2.5	7.2	6.5	2.5	7.2	7.5	3.5	7.2	11.0	6.0	--	--	--	--	--	--
0.047	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	7.2	11.0	6.0	--	--	--	--	--	--
0.056	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	--	--	--	--	--	--	--	--	--
0.068	7.2	6.5	2.5	7.2	6.5	2.5	7.2	9.5	4.5	--	--	--	--	--	--	--	--	--
0.082	7.2	6.5	2.5	7.2	6.5	2.5	7.2	10.0	5.0	--	--	--	--	--	--	--	--	--
0.10	7.2	6.5	2.5	7.2	7.5	3.5	7.2	10.0	5.0	--	--	--	--	--	--	--	--	--
0.12	7.2	6.5	2.5	7.2	9.5	4.5	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--
0.15	7.2	7.5	3.5	7.2	9.5	4.5	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--
0.18	7.2	7.5	3.5	7.2	9.5	4.5	--	--	--	--	--	--	--	--	--	--	--	--
0.22	7.2	7.5	3.5	7.2	10.0	5.0	--	--	--	--	--	--	--	--	--	--	--	--
0.27	7.2	9.5	4.5	7.2	10.0	5.0	--	--	--	--	--	--	--	--	--	--	--	--
0.33	7.2	9.5	4.5	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--
0.39	7.2	9.5	4.5	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--
0.47	7.2	10.0	5.0	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--
0.56	7.2	10.0	5.0	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--
0.68	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
0.82	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1.0	7.2	11.0	6.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Type B (P: 5mm)

Series code for Type B:

(μF)	63VDC			100VDC			(μF)	63VDC			100VDC		
	W	H	T	W	H	T		W	H	T	W	H	T
0.10	--	--	--	7.2	6.5	2.5	**0.39**	7.2	7.5	3.5	7.2	9.5	4.5
0.12	--	--	--	7.2	6.5	2.5	**0.47**	7.2	7.5	3.5	7.2	10.0	5.0
0.15	7.2	6.5	2.5	7.2	7.5	3.5	**0.56**	7.2	9.5	4.5	7.2	10.0	5.0
0.18	7.2	6.5	2.5	7.2	7.5	3.5	**0.68**	7.2	9.5	4.5	7.2	11.0	6.0
0.22	7.2	6.5	2.5	7.2	7.5	3.5	**0.82**	7.2	9.5	4.5	7.2	11.0	6.0
0.27	7.2	6.5	2.5	7.2	9.5	4.5	**1.0**	7.2	10.0	5.0	7.2	11.0	6.0
0.33	7.2	7.5	3.5	7.2	9.5	4.5	**1.5**	7.2	11.0	6.0	--	--	--