

PLASTIC FILM CAPACITORS

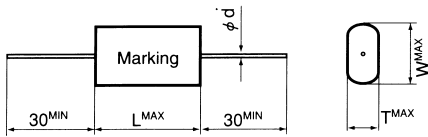
MTB-P Series

- High Frequency Oval Wrapped Metalized Polypropylene Film Capacitors

The MTB-P Series are similar in performance characteristics as the MDD-P Series but are oval wrapped and filled, metalized polypropylene film capacitors. They are also suitable for Communication devices and inverter fluorescent lighting.



Drawings and dimensions



Items	Specifications
Temperature range	-40°C to +85°C (with derating over 85°C)
Rated voltage	250V. DC, 400V. DC, 630V. DC
Capacitance Tolerance	±5% (J), ±10% (K), ±20% (M)
Dielectric dissipation factor	Less than 0.1% (20°C, 1KHz)
Withstanding voltage	Between terminals Rated volt X 1.5 1min. Between terminal & outside coating Rated volt x 2.0, 1 to 5 sec.
Insulation resistance	$C_R \leq 0.33\mu\text{F}$ More than 30,000MΩ $C_R > 0.33\mu\text{F}$ More than 10,000Ω•μF
Others	Subject to EIAJ RC 2347 and JIS C 5102

Rated Voltage (WVDC)	Part Number	Capacitance	Capacitance Tolerance	Dimensions		Quantity
				T x H x L	d	
250 Volts DC (Code: 2E)	MTB-P2E683J	0.068	±5%*	4.5 x 8.5 x 16.0	0.6	Bulk
	MTB-P2E823J	0.082	±5%*	5.0 x 9.0 x 16.0	0.6	Bulk
	MTB-P2E104J	0.10	±5%*	5.5 x 10.5 x 16.0	0.6	Bulk
	MTB-P2E124J	0.12	±5%*	6.0 x 11.0 x 16.0	0.6	Bulk
	MTB-P2E154J	0.15	±5%*	5.5 x 9.0 x 21.0	0.6	Bulk
	MTB-P2E184J	0.18	±5%*	5.5 x 10.5 x 21.0	0.6	Bulk
	MTB-P2E224J	0.22	±5%*	6.0 x 11.0 x 21.0	0.6	Bulk
	MTB-P2E274J	0.27	±5%*	6.5 x 11.5 x 21.0	0.6	Bulk
	MTB-P2E334J	0.33	±5%*	7.0 x 13.5 x 21.0	0.6	Bulk
	MTB-P2E394J	0.39	±5%*	7.5 x 14.0 x 21.0	0.6	Bulk
	MTB-P2E474J	0.47	±5%*	7.0 x 13.0 x 26.0	0.6	Bulk
	MTB-P2E564J	0.56	±5%*	7.5 x 14.0 x 26.0	0.6	Bulk
	MTB-P2E684J	0.68	±5%*	8.5 x 15.0 x 26.0	0.6	Bulk
	MTB-P2E824J	0.82	±5%*	8.0 x 18.0 x 26.0	0.6	Bulk
	MTB-P2E105J	1.0	±5%*	8.0 x 18.0 x 31.0	0.8	Bulk

*Also available in Capacitance Tolerances of ±10% (K) and ±20% (M). Replace J (5%) shown in the Part Number above with either K or M as needed when ordering.

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MTB-P Series

- High Frequency Oval Wrapped Metalized Polypropylene Film Capacitors

Rated Voltage (WVDC)	Part Number	Capacitance	Capacitance Tolerance	Dimensions		Quantity
				T x H x L	d	
400 Volts DC (Code: 2G)	MTB-P2G333J	0.033	±5%*	5.5 x 9.0 x 16.0	0.6	Bulk
	MTB-P2G393J	0.039	±5%*	6.0 x 9.5 x 16.0	0.6	Bulk
	MTB-P2G473J	0.047	±5%*	6.0 x 11.0 x 16.0	0.6	Bulk
	MTB-P2G563J	0.056	±5%*	5.0 x 9.0 x 21.0	0.6	Bulk
	MTB-P2G683J	0.068	±5%*	5.0 x 10.0 x 21.0	0.6	Bulk
	MTB-P2G823J	0.082	±5%*	5.5 x 10.5 x 21.0	0.6	Bulk
	MTB-P2G104J	0.10	±5%*	6.5 x 11.0 x 21.0	0.6	Bulk
	MTB-P2G124J	0.12	±5%*	7.0 x 12.0 x 21.0	0.6	Bulk
	MTB-P2G154J	0.15	±5%*	8.0 x 13.0 x 21.0	0.6	Bulk
	MTB-P2G184J	0.18	±5%*	8.5 x 13.5 x 21.0	0.6	Bulk
	MTB-P2G224J	0.22	±5%*	9.5 x 14.5 x 21.0	0.6	Bulk
	MTB-P2G274J	0.27	±5%*	7.5 x 14.0 x 29.0	0.8	Bulk
	MTB-P2G334J	0.33	±5%*	8.5 x 15.0 x 29.0	0.8	Bulk
	MTB-P2G394J	0.39	±5%*	9.5 x 15.5 x 29.0	0.8	Bulk
	MTB-P2G474J	0.47	±5%*	10.5 x 16.5 x 29.0	0.8	Bulk
	MTB-P2G564J	0.56	±5%*	11.5 x 17.5 x 29.0	0.8	Bulk
	MTB-P2G684J	0.68	±5%*	11.5 x 21.0 x 29.0	0.8	Bulk
	MTB-P2G824J	0.82	±5%*	10.5 x 20.0 x 37.0	0.8	Bulk
	MTB-P2G105J	1.0	±5%*	12.0 x 21.0 x 37.0	0.8	Bulk
630 Volts DC (Code: 2J)	MTB-P2J273J	0.027	±5%*	5.0 x 9.0 x 20.0	0.6	Bulk
	MTB-P2J333J	0.033	±5%*	5.5 x 9.5 x 20.0	0.6	Bulk
	MTB-P2J393J	0.039	±5%*	6.0 x 10.0 x 20.0	0.6	Bulk
	MTB-P2J473J	0.047	±5%*	6.5 x 11.5 x 20.0	0.6	Bulk
	MTB-P2J563J	0.056	±5%*	7.0 x 12.0 x 20.0	0.6	Bulk
	MTB-P2J683J	0.068	±5%*	6.0 x 11.0 x 26.0	0.6	Bulk
	MTB-P2J823J	0.082	±5%*	7.0 x 11.5 x 26.0	0.8	Bulk
	MTB-P2J104J	0.10	±5%*	7.5 x 12.5 x 26.0	0.8	Bulk
	MTB-P2J124J	0.12	±5%*	7.5 x 14.0 x 26.0	0.8	Bulk
	MTB-P2J154J	0.15	±5%*	9.0 x 15.0 x 26.0	0.8	Bulk
	MTB-P2J184J	0.18	±5%*	9.5 x 16.0 x 26.0	0.8	Bulk
	MTB-P2J224J	0.22	±5%*	10.0 x 16.5 x 29.0	0.8	Bulk
	MTB-P2J274J	0.27	±5%*	11.0 x 17.5 x 29.0	0.8	Bulk
	MTB-P2J334J	0.33	±5%*	11.0 x 20.5 x 29.0	0.8	Bulk
	MTB-P2J394J	0.39	±5%*	11.0 x 22.0 x 29.0	0.8	Bulk
MTB-P2J474J	0.47	±5%*	11.0 x 20.5 x 37.0	0.8	Bulk	
MTB-P2J564J	0.56	±5%*	12.5 x 22.0 x 37.0	0.8	Bulk	

*Also available in Capacitance Tolerances of ±10% (K) and ±20% (M). Replace J (5%) shown in the Part Number above with either K or M as needed when ordering.