

PLASTIC FILM CAPACITORS

MTBS Series

•Tape Wrapped Metalized Polyester Film Capacitors

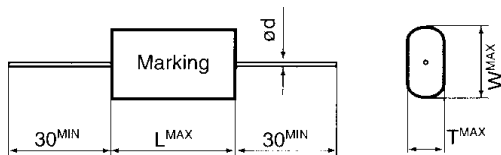
•Axial Leads

This series offers metalized film capacitors that have axial leads and exhibit excellent heat resistance and moisture resistance. These capacitors employ a metalized polyester film dielectric and have a polyester-taped outer covering and resin-sealed ends.



Items	Specifications
Temperature range	-40°C to +85°C
Rated voltage	100 V.DC
Capacitance Tolerance	±5% (J), ±10% (K), ±20% (M)
Dielectric dissipation factor	Less than 0.8% (20°C, 1KHz)
Withstanding voltage	Rated volt (V. DC) X 1.5 1min.
Insulation resistance	$C_R \leq 0.33\mu\text{F}$ More than 9,000MΩ
	$C_R > 0.33\mu\text{F}$ More than 3,000Ω•μF
Others	Subject to JIS C 5115 and JIS C 5102

Drawings and dimensions



Rated Voltage (WVDC)	Part Number	Capacitance	Capacitance Tolerance	Dimensions		Quantity
				T x H x L	d	
100 Volts DC (Code: 2A)	MTBS2A104K	0.10	±10%	4.5 x 7.5 x 11.0	0.6	Bulk
	MTBS2A124K	0.12	±10%	4.0 x 8.0 x 14.0	0.6	Bulk
	MTBS2A154K	0.15	±10%	4.0 x 8.0 x 14.0	0.6	Bulk
	MTBS2A184K	0.18	±10%	4.0 x 8.0 x 14.0	0.6	Bulk
	MTBS2A224K	0.22	±10%	4.0 x 8.0 x 14.0	0.6	Bulk
	MTBS2A274K	0.27	±10%	4.0 x 8.0 x 14.0	0.6	Bulk
	MTBS2A334K	0.33	±10%	4.5 x 8.5 x 14.0	0.6	Bulk
	MTBS2A394K	0.39	±10%	5.0 x 9.0 x 14.0	0.6	Bulk
	MTBS2A474K	0.47	±10%	5.5 x 9.5 x 14.0	0.6	Bulk
	MTBS2A564K	0.56	±10%	4.5 x 9.5 x 20.0	0.6	Bulk
	MTBS2A684K	0.68	±10%	5.0 x 9.5 x 20.0	0.6	Bulk
	MTBS2A824K	0.82	±10%	5.0 x 10.0 x 20.0	0.6	Bulk
	MTBS2A105K	1.0	±10%	6.0 x 10.5 x 20.0	0.6	Bulk
	MTBS2A125K	1.2	±10%	6.5 x 11.5 x 20.0	0.6	Bulk
	MTBS2A155K	1.5	±10%	7.0 x 12.5 x 20.0	0.6	Bulk
	MTBS2A185K	1.8	±10%	7.0 x 12.0 x 22.0	0.8	Bulk
	MTBS2A225K	2.2	±10%	7.5 x 13.0 x 22.0	0.8	Bulk
	MTBS2A275K	2.7	±10%	8.5 x 14.0 x 22.0	0.8	Bulk
	MTBS2A335K	3.3	±10%	9.0 x 16.0 x 22.0	0.8	Bulk
	MTBS2A395K	3.9	±10%	10.0 x 17.0 x 22.0	0.8	Bulk
MTBS2A475K	4.7	±10%	11.0 x 17.5 x 22.0	0.8	Bulk	
MTBS2A565K	5.6	±10%	11.0 x 17.5 x 26.0	0.8	Bulk	
MTBS2A685K	6.8	±10%	12.0 x 18.5 x 26.0	0.8	Bulk	
MTBS2A825K	8.2	±10%	10.5 x 16.5 x 31.0	0.8	Bulk	
MTBS2A106K	10.0	±10%	11.5 x 18.0 x 31.0	0.8	Bulk	