

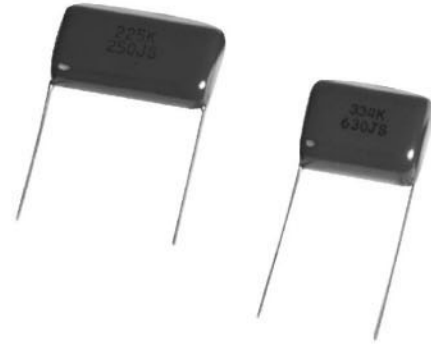
METALIZED POLYESTER FILM CAPACITORS

MEF Series

INTRODUCTION :

◆ **MEF Series** capacitor are constructed with metalized polyester film dielectric, copper-ply lead and epoxy resin coating.

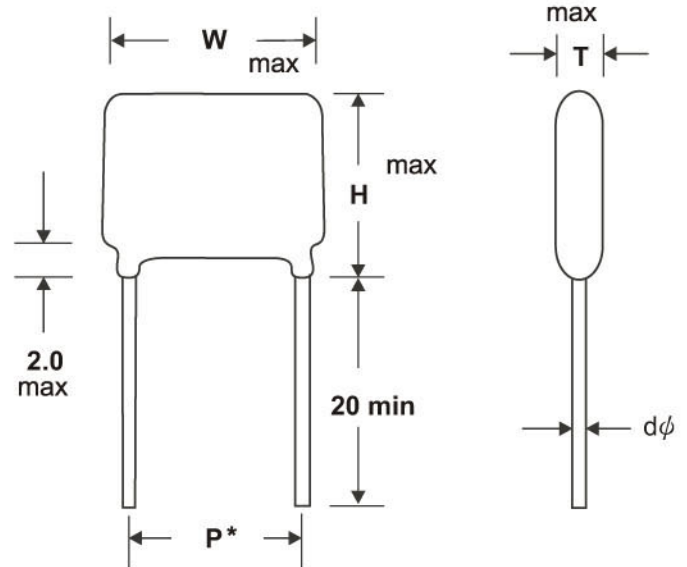
◆ **MEF Series** capacitor are ideal for use in telecommunication equipment, data processing equipments, industrial instruments, automatic control system and other general electronic equipments.



FEATURES :

- ◆ Non-induction.
- ◆ Space-saving miniature size.
- ◆ Self-healing property.
- ◆ Good solder ability.
- ◆ High stability of temperature vs. cap. and $\tan\delta$.
- ◆ High density thermosetting epoxy resin enhance mechanical strength and humidity resistance
- ◆ Excellent result obtained from use in coupling by pass, R.F. Filtering and solidstate application..

OUTLINE DRAWING



SPECIFICATION :

1. **OPERATING TEMPERATURE**: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$.
2. **VOLTAGE RANGE**: 100, 250, 400 AND 630 VDC.
3. **CAPACITANCE RANGE**: $0.01 \sim 10 \mu\text{F}$.
4. **DIELECTRIC STRENGTH**: 150% of rated voltage for 1 minute at 25°C .
5. **CAPACITANCE TOLERANCE**: $\pm 5\%$ (J), $\pm 10\%$ (K), $\pm 20\%$ (M).
6. **INSULATION RESISTANCE**:
 $C \leq 0.33 \mu\text{F} \quad R \geq 9,000 \text{ M}\Omega$.
 $C > 0.33 \mu\text{F} \quad RC \geq 3,000 \text{ M}\Omega \mu\text{F}$.
7. **DISSIPATION FACTOR**: 1.0% max at 1 KHz, 25°C .
8. **MARKING**: Capacitance, tolerance, rated voltage and Series code.

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DIMENSION :

Unit : mm

Capacitance		2A (100 VDC)					2E (250 VDC)					2G (400 VDC)					2J (630 VDC)				
Code	μF	W	H	T	P	d ϕ	W	H	T	P	d ϕ	W	H	T	P	d ϕ	W	H	T	P	d ϕ
103	0.01	13.0	10.0	5.5	10.5	0.6	13.0	10.0	5.5	10.5	0.6	13.0	10.0	5.5	10.5	0.6	13.0	10.5	6.0	10.5	0.6
153	0.015	13.0	10.0	6.0	10.5	0.6	13.0	10.0	6.0	10.5	0.6	13.0	10.0	6.0	10.5	0.6	13.0	11.0	6.5	10.5	0.6
223	0.022	13.0	10.0	6.0	10.5	0.6	13.0	10.0	6.0	10.5	0.6	13.0	10.0	6.0	10.5	0.6	13.0	11.0	6.5	10.5	0.6
333	0.033	13.0	10.0	6.0	10.5	0.6	13.0	10.0	6.0	10.5	0.6	13.0	11.0	6.5	10.5	0.6	13.0	12.0	7.0	10.5	0.6
473	0.047	13.0	10.0	6.0	10.5	0.6	13.0	10.0	6.0	10.5	0.6	13.0	11.5	7.0	10.5	0.6	18.0	11.0	7.5	15.0	0.6
683	0.068	13.0	11.0	6.5	10.5	0.6	13.0	11.0	6.5	10.5	0.6	13.0	12.5	7.0	10.5	0.6	18.0	12.0	8.0	15.0	0.6
104	0.1	13.0	12.5	7.5	10.5	0.6	13.0	12.5	7.0	10.5	0.6	18.0	11.0	6.0	15.0	0.6	18.0	15.0	9.5	15.0	0.6
154	0.15	13.0	12.5	8.0	10.5	0.6	13.0	12.5	8.0	10.5	0.6	18.0	14.0	8.0	15.0	0.6	18.0	15.5	11.0	15.0	0.8
224	0.22	13.0	12.5	8.0	10.5	0.6	18.0	13.0	7.0	15.0	0.6	18.0	15.5	9.5	15.0	0.8	24.0	16.5	10.5	20.5	0.8
334	0.33	18.0	12.5	7.0	15.0	0.6	18.0	14.0	8.0	15.0	0.6	18.0	16.5	10.0	15.0	0.8	24.0	18.0	12.0	20.5	0.8
474	0.47	18.0	12.5	7.0	15.0	0.6	18.0	16.0	9.5	15.0	0.8	24.0	17.5	10.5	20.5	0.8	30.0	22.0	12.5	26.5	0.8
684	0.68	18.0	13.5	8.0	15.0	0.6	24.0	14.0	9.5	20.5	0.8	24.0	19.0	12.5	20.5	0.8	30.0	23.5	14.0	26.5	0.8
105	1.0	18.0	16.5	9.5	15.0	0.8	24.0	18.0	10.5	20.5	0.8	30.0	21.5	12.0	26.5	0.8	30.0	28.5	18.0	26.5	0.8
155	1.5	18.0	19.0	11.5	15.0	0.8	30.0	23.0	13.5	26.5	0.8	30.0	24.0	14.0	26.5	0.8					
225	2.2	24.0	21.0	12.5	20.5	0.8	30.0	23.0	13.5	26.5	0.8										
335	3.3	24.0	22.0	13	20.5	0.8	30.0	24.0	16.5	26.5	0.8										
475	4.7	30.0	23.5	14	26.5	0.8															
685	6.8	30.0	24.0	15.5	26.5	0.8															
106	10	30.0	26.0	21.5	26.5	0.8															

*	P	10.5	15.0	20.5	26.5
	TOL.	±0.8	±1.0	±1.5	±2.0