

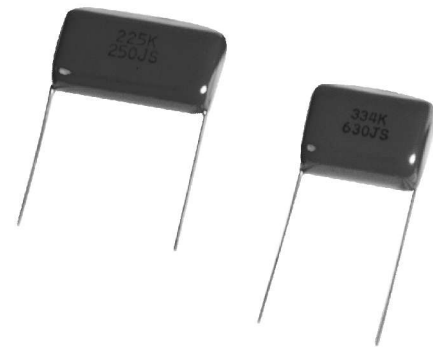
# METALIZED POLYESTER FILM CAPACITORS

## MEF Series

### INTRODUCTION :

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

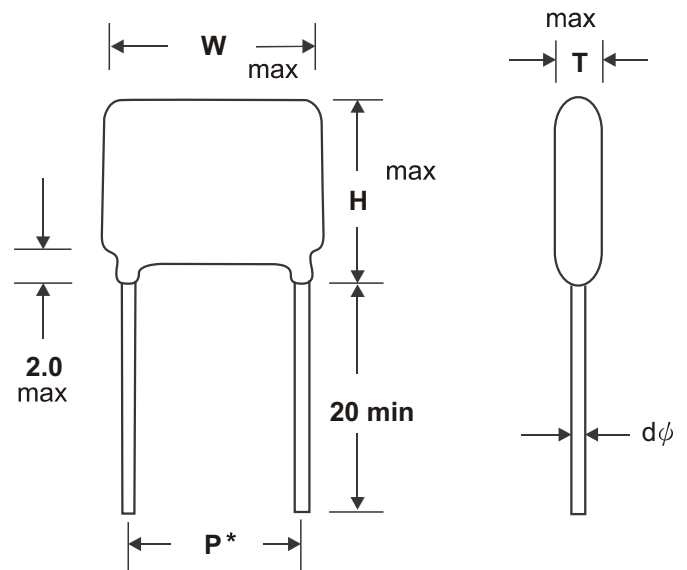
◆ **MEF Series** capacitor are ideal for use in telecommunication equipment, data processing equipments, industrial instruments, automatic control system and other general electronic equipments.



### 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  $25^{\circ}\text{C}$ .
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,  $25^{\circ}\text{C}$  .
8. **MARKING**: Capacitance, tolerance, rated voltage and Series code.

# METALIZED POLYESTER FILM CAPACITORS

## MEF Series

### DIMENSION :

Unit : mm

Capacitance		2A ( 100 VDC )					2E ( 250 VDC )					2G ( 400 VDC )					2J ( 630 VDC )				
Code	$\mu F$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$	W	H	T	P	d $\phi$
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