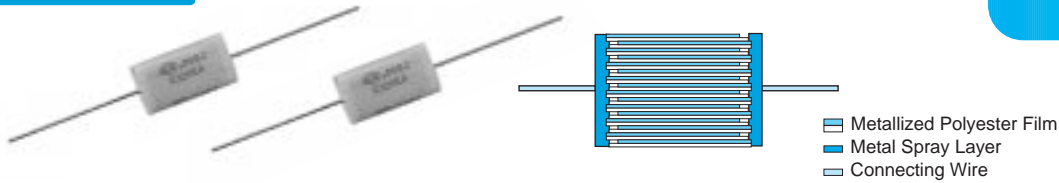


# Metalized Polyester Film Capacitors-Axial Flat

FILM CAPACITORS



MEA

## ELECTRICAL CHARACTERISTICS:

**MEA** are non-inductively wound with metallized Polyester as dielectric/electrode and copper-clad steel leads with an outer wrapping of Polyester end sealed with epoxy resin. They are suitable for coupling, decoupling, by-pass filtering and timing circuits with applications in telecommunications, data processing, industrial instruments and automatic control system equipments.

## FEATURES:

Non-inductive construction  
 Good solderability  
 Self healing property  
 High stability of capacitance and reliability.

## SPECIFICATION:

- Operating Temperature: -40 ~ +105°C \*
- Capacitance Range: .01 ~ 10uF
- Capacitance Tolerance: ±5%(J), ±10%(K), ±20%(M).
- Rated Voltage: 100VDC, 250VDC, 400VDC, 630VDC.
- Dissipation Factor (DF): 1.0% MAX at 1KHz, 25°C  
1.5% MAX at 10KHz, 25°C
- Insulation Resistance:  
 For  $V_R \leq 100VDC$   $\geq 10000M \Omega$  For  $C \leq 0.1\mu F$   
 $\geq 1000M \Omega \cdot \mu F$  For  $C > 0.1\mu F$   
 For  $V_R > 100VDC$   $\geq 30000M \Omega$  For  $C \leq 0.33\mu F$   
 $\geq 10000M \Omega \cdot \mu F$  For  $C > 0.33\mu F$

\* Temperature derating factor of 1.25% per °C should be considered when temperature between 85°C & 105°C.

Unit: mm

R.V.	100VDC			250VDC			400VDC			630VDC		
CAP SIZE	L	H	T	L	H	T	L	H	T	L	H	T
.01	11	8	5	11	8	5	11	8	5	14	8	5
.015	11	8	5	11	8	5	14	8	5	14	9	5.5
.022	11	8	5	11	8	5	14	8	5	14	9	6
.033	11	8	5	11	8	5	14	9	5.5	19	10	6
.047	11	8	5	11	8	5	14	10	6	19	10	6
.068	11	8	5	11	8	5	14	11	6	19	11.5	7
.1	14	8	5	14	8	5	19	10.5	5.5	19	12	8
.15	14	8.5	5	14	8.5	5	19	11	6.5	27	14	8
.22	14	8.5	5	19	9.5	5	19	14	7	27	15	9
.33	14	9	6	19	10.5	6	27	13	7.5	33	15	10
.47	19	9.5	5	19	11.5	7	27	17	8.5	33	19	11.5
.68	19	10	5.5	27	12	7	33	16.5	8.5	38	20	13
1.0	19	11	6.5	27	13	8	33	19	9	38	23	16
1.5	27	12.5	6	33	15	8.5	38	20	13	38	28	20
2.2	27	14	8	33	17.5	9.5	44	24	16	38	30	22
3.3	27	16	10	33	21	12.5	44	26	16			
4.7	33	18	10.5	38	21	12	48	28	18			
6.8	33	20	12	38	26	13						
10.0	33	23.5	15	48	30	18						

Film Capacitors