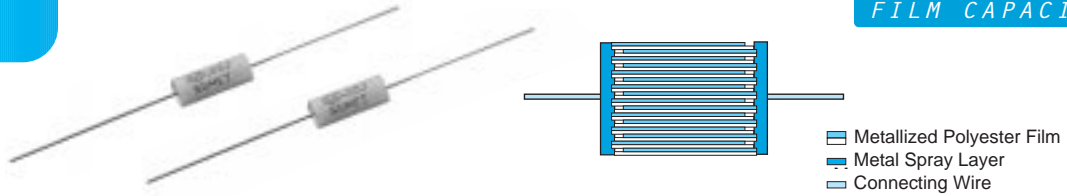


Metalized Polyester Film Capacitors-Axial

FILM CAPACITORS

MET



ELECTRICAL CHARACTERISTICS:

MET are non-inductively wound with metalized 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: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C} *$
- Capacitance Range: $.01 \sim 10\mu\text{F}$
- Capacitance Tolerance: $\pm 5\%(\text{J}), \pm 10\%(\text{K}), \pm 20\%(\text{M})$.
- 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 $V_R \leq 100\text{VDC}$ $\geq 10000\text{M}\ \Omega$ For $C \leq 0.1\mu\text{F}$
 $\geq 1000\text{M}\ \Omega \cdot \mu\text{F}$ For $C > 0.1\mu\text{F}$
For $V_R > 100\text{VDC}$ $\geq 30000\text{M}\ \Omega$ For $C \leq 0.33\mu\text{F}$
 $\geq 10000\text{M}\ \Omega \cdot \mu\text{F}$ For $C > 0.33\mu\text{F}$

* 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	D	L	dø	D	L	dø	D	L	dø	D	L	dø
.01	5.0	11.0	0.6	5.0	11.0	0.6	5.0	11.0	0.6	6.0	14.0	0.6
.015	5.0	11.0	0.6	5.0	11.0	0.6	5.5	14.0	0.6	6.5	14.0	0.6
.022	5.0	11.0	0.6	5.0	11.0	0.6	6.0	14.0	0.6	7.0	14.0	0.6
.033	5.0	11.0	0.6	5.0	11.0	0.6	6.0	14.0	0.6	8.0	19.0	0.6
.047	5.0	11.0	0.6	5.5	11.0	0.6	7.0	14.0	0.6	8.0	19.0	0.6
.068	5.0	11.0	0.6	6.0	14.0	0.6	7.5	19.0	0.6	9.0	19.0	0.8
.1	5.5	14.0	0.6	7.0	14.0	0.6	8.0	19.0	0.6	9.0	27.0	0.8
.15	6.0	14.0	0.6	8.5	14.0	0.8	9.0	19.0	0.8	10.5	27.0	0.8
.22	6.5	14.0	0.6	8.0	19.0	0.6	8.5	27.0	0.8	11.5	27.0	0.8
.33	7.0	14.0	0.6	9.0	19.0	0.8	10.0	27.0	0.8	13.0	33.0	0.8
.47	7.5	19.0	0.6	9.5	19.0	0.8	12.5	27.0	0.8	14.0	33.0	0.8
.68	8.5	19.0	0.8	10.0	27.0	0.8	12.5	33.0	0.8	17.5	33.0	0.8
1.0	10.0	19.0	0.8	11.5	27.0	0.8	14.5	33.0	0.8	21.0	38.0	0.8
1.5	11.0	27.0	0.8	12.5	27.0	0.8	17.5	33.0	0.8	25.0	38.0	0.8
2.2	12.0	27.0	0.8	14.0	33.0	0.8	20.0	38.0	0.8	28.0	38.0	0.8
3.3	14.0	27.0	0.8	16.0	33.0	0.8	27.0	38.0	0.8			
4.7	14.5	33.0	0.8	20.0	38.0	0.8	30.0	38.0	0.8			
6.8	17.0	33.0	0.8	24.0	38.0	0.8						
10.0	20.0	33.0	0.8	23.0	48.0	0.8						