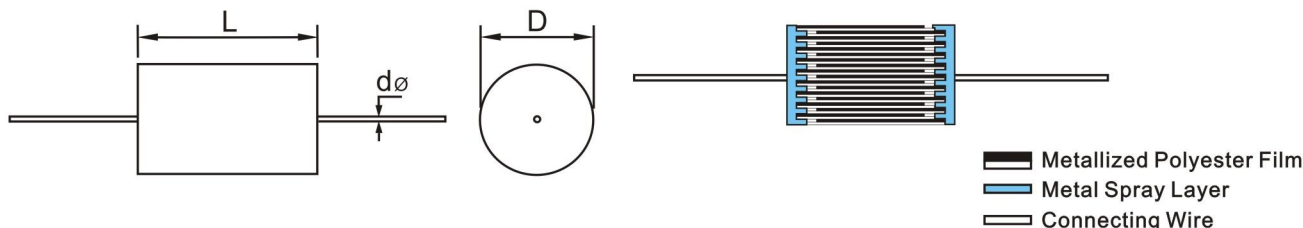


Metallized Polyester Film Capacitor - Axial

MET



Construction:

Dielectric : Metallized Polyester Film
 Winding : non-inductive type.
 Leads : Tinned Wire.
 Outer coating : Insulating tape wrapping and epoxy resin end filled.

Feature:

Optimum self-healing capability.
 High stability of capacitance.
 High reliability.

Recommended Application:

Blocking, by-passing, filtering, timing circuits
 Professional electronics testing equipment.
 Telecommunications and data processing.
 Automatic control system equipment.
 Industrial instruments.

Electrical Characteristics:

Related Documents	IEC 60384-2					
Rated Voltage	100VDC, 250VDC, 400VDC, 630VDC.					
Rated Temperature	-40°C ~ +85°C.					
Usable upper category temperature	+110°C (Derating ratio of rated voltage to +85°C ~ +110°C: 1.25% per °C for Rated Voltage)					
Capacitance Range	0.01 μF ~ 10 μF.					
Capacitance Tolerance	± 2% (G), ± 5% (J), ± 10% (K)					
Dissipation Factor	1.0 % (max.) at 1KHz. 1.5 % (max.) at 10KHz.					
Insulation Resistance Terminal to Terminal	Voltage charge : 100VDC × 1 minute, At 20°C ± 5°C VR ≤ 100VDC: ≥ 10000MΩ for C ≤ 0.33 μF . ≥ 1000MΩ × μF for C > 0.33 μF. VR > 100VDC: ≥ 30000MΩ for C ≤ 0.33 μF . ≥ 10000MΩ × μF for C > 0.33 μF.					
Withstand Voltage	Terminal to Terminal: (at 20°C ± 5°C) 1.6 × VR applied for 2sec. (cut off current 10mA)					
Rated Voltage Pulse Slope dv/dt (V/μs)	Length	≤ 14mm	19mm	27mm	33mm	38mm
	VR					
	100VDC	6	3	2	1.5	1
	250VDC	10	7	4	2.5	2
	400VDC	14	10	6.5	4	3
630VDC	20	15	10	6	4	

Metallized Polyester Film Capacitor - Axial

Cap. (μ F)

Size unit: mm

R.V.	100VDC/63VAC				R.V.	250VDC/160VAC			
Size Cap (μ F)	L	D	d ϕ ± 0.05	Part Number	Size Cap (μ F)	L	D	d ϕ ± 0.05	Part Number
0.01	11	5	0.6	MET-103*0100DB0000	0.01	11	5	0.6	MET-103*0250DB0000
0.015	11	5	0.6	MET-153*0100DB0000	0.015	11	5	0.6	MET-153*0250DB0000
0.022	11	5	0.6	MET-223*0100DB0000	0.022	11	5	0.6	MET-223*0250DB0000
0.033	11	5	0.6	MET-333*0100DB0000	0.033	11	5	0.6	MET-333*0250DB0000
0.047	11	5	0.6	MET-473*0100DB0000	0.047	11	5.5	0.6	MET-473*0250DB0000
0.068	11	5	0.6	MET-683*0100DB0000	0.068	14	6	0.6	MET-683*0250DB0000
0.1	14	5.5	0.6	MET-104*0100DB0000	0.1	14	7	0.6	MET-104*0250DB0000
0.15	14	6	0.6	MET-154*0100DB0000	0.15	14	8.5	0.8	MET-154*0250DB0000
0.22	14	6.5	0.6	MET-224*0100DB0000	0.22	19	8	0.8	MET-224*0250DB0000
0.33	14	7	0.6	MET-334*0100DB0000	0.33	19	9	0.8	MET-334*0250DB0000
0.47	19	7.5	0.6	MET-474*0100DB0000	0.47	19	9.5	0.8	MET-474*0250DB0000
0.68	19	8.5	0.8	MET-684*0100DB0000	0.68	27	10	0.8	MET-684*0250DB0000
1.0	19	10	0.8	MET-105*0100DB0000	1.0	27	11.5	0.8	MET-105*0250DB0000
1.5	27	11	0.8	MET-155*0100DB0000	1.5	27	11.5	0.8	MET-155*0250DB0000
2.2	27	12	0.8	MET-225*0100DB0000	2.2	33	14	0.8	MET-225*0250DB0000
3.3	27	14	0.8	MET-335*0100DB0000	3.3	33	16	0.8	MET-335*0250DB0000
4.7	33	14.5	0.8	MET-475*0100DB0000	4.7	38	20	0.8	MET-475*0250DB0000
6.8	33	17	0.8	MET-685*0100DB0000	6.8	38	24	0.8	MET-685*0250DB0000
10	33	20	0.8	MET-106*0100DB0000	10	48	23	0.8	MET-106*0250DB0000

● Maximum dimensions (mm): L max=L+0.5, D max=D+0.5

Metallized Polyester Film Capacitor - Axial

Cap. (μ F)

Size unit: mm

R.V.	400VDC/200VAC				R.V.	630VDC/220VAC			
Size Cap (μ F)	L	D	d ϕ \pm 0.05	Part Number	Size Cap (μ F)	L	D	d ϕ \pm 0.05	Part Number
0.01	11	5	0.6	MET-103*0400DB0000	0.01	14	6	0.6	MET-103*0630DB0000
0.015	14	5.5	0.6	MET-153*0400DB0000	0.015	14	6.5	0.6	MET-153*0630DB0000
0.022	14	6	0.6	MET-223*0400DB0000	0.022	14	7	0.6	MET-223*0630DB0000
0.033	14	6	0.6	MET-333*0400DB0000	0.033	19	8	0.6	MET-333*0630DB0000
0.047	14	7	0.6	MET-473*0400DB0000	0.047	19	8	0.6	MET-473*0630DB0000
0.068	19	7.5	0.6	MET-683*0400DB0000	0.068	19	9	0.8	MET-683*0630DB0000
0.1	19	8	0.6	MET-104*0400DB0000	0.1	27	9	0.8	MET-104*0630DB0000
0.15	19	9	0.8	MET-154*0400DB0000	0.15	27	10.5	0.8	MET-154*0630DB0000
0.22	27	8.5	0.8	MET-224*0400DB0000	0.22	27	11.5	0.8	MET-224*0630DB0000
0.33	27	10	0.8	MET-334*0400DB0000	0.33	33	13	0.8	MET-334*0630DB0000
0.47	27	12.5	0.8	MET-474*0400DB0000	0.47	33	14	0.8	MET-474*0630DB0000
0.68	33	12.5	0.8	MET-684*0400DB0000	0.68	33	17.5	0.8	MET-684*0630DB0000
1.0	33	14.5	0.8	MET-105*0400DB0000	1.0	38	21	0.8	MET-105*0630DB0000
1.5	33	17.5	0.8	MET-155*0400DB0000	1.5	38	25	0.8	MET-155*0630DB0000
2.2	38	20	0.8	MET-225*0400DB0000	2.2	38	28	0.8	MET-225*0630DB0000
3.3	38	27	0.8	MET-335*0400DB0000					
4.7	38	30	0.8	MET-475*0400DB0000					

● Maximum dimensions (mm): L max=L+0.5, D max=D+0.5