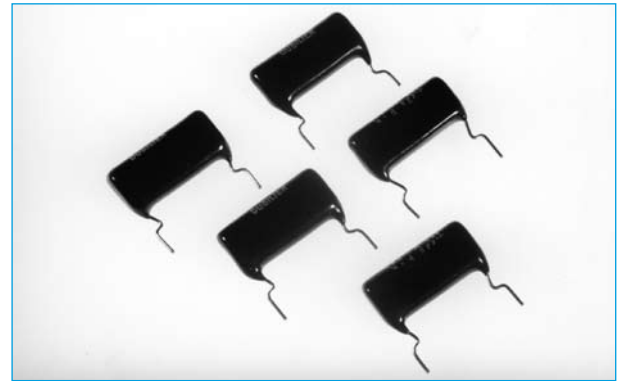


**CAPACITORS**

**DIPPED POLYESTER DP368**

- Wide capacitance value
- Self healing properties
- Encapsulated flame retardant powder epoxy
- Dip coated construction for minimum dimensions

The DP368 Series Metallised Polyester Film Capacitors offer a wide range of values and voltages. Lead spacing starts at 10mm, and covers more values than the conventional series. Suitable for applications such as Blocking, By-passing, Coupling and Communication Equipment.



SECTION 1

**SPECIFICATION**

Item	Performance Characteristics				
Temperature Range	-55 to 85 °C				
Capacitance Tolerance	±5% (J), ±10% (K), and ±20% (M)				
Dissipation Factor	T <sub>g</sub> ≤ 130 · 10 <sup>-4</sup> (10KHz, 25°C) T <sub>g</sub> ≤ 100 · 10 <sup>-4</sup> (10KHz, 25°C)				
Insulation Resistance	≥ 15,000 MΩ for C ≤ 0.33μF ≥ 5,000 s for C ≤ 0.33μF				
Pulse Rise Time (dv/dt) Volts per μsec.	Rated Voltage	Pitch (mm)			
		10	15	22.5	27.5
	100	28	20	8	7
	250	70	28	12	10
	400	110	44	20	16
630	70	70	28	24	

**ORDERING INFORMATION**

<b>DP368</b>	<b>0.1</b>	<b>100</b>	<b>K</b>	<b>10</b>
Range	Capacitance μf	Voltage	Tolerance 10%	Pitch

### CASE DIMENSIONS ( $\pm 2\text{mm}$ )

### OUTLINE DRAWING

SECTION 1

Capacitance $\mu\text{F}$	Pitch (P) mm.	Voltage DC/AC											
		100V			250V			400V			630V		
		L	T	H	L	T	H	L	T	H	L	T	H
0.01	10.0							12.5	3	13.5	12.5	3	13.5
0.015	10.0							12.5	3	13.5	12.5	4	13.5
0.022	10.0							12.5	3.5	13.5	12.5	4.5	13.5
0.033	10							12.5	4	13.5			
	15										17.5	5	15
0.047	10				12.5	4	13.5	12.5	4	13.5			
	15							17.5	5.5	16	17.5	6.5	16
0.068	10				12.5	4.5	13.5						
	15							17.5	5.5	15	17.5	7	17
0.1	10	12.5	4	13.5	12.5	4	13.5						
	15							17.5	5.5	15	17.5	8	17.5
	22.5										25	6	17
0.15	10	12.5	4	13.5	12.5	5	14						
	15				17.5	5	14.5	17.5	5	14.5			
	22.5										25	7.5	18.5
0.22	10	12.5	4	13.5									
	15				17.5	6	14.5	17.5	6	15			
	22.5							25	6	17	25	7.5	22
0.33	10	12.5	4.5	13.5									
	15	17.5	6	15	17.5	6	15	17.5	6.5	16			
	22.5							25	7	18.5	25	9.5	24
	27.5										30	8.5	22.5
0.47	10	12.5	5	14									
	15	17.5	5.5	15	17.5	7	16	17.5	8	17.5			
	22.5				25	5.5	17	25	6.5	17.5	25	11	25.5
	27.5										30	10	24.5
0.68	10	12.5	4	13.5									
	15	17.5	5	14.5	17.5	8	17.5						
	22.5				25	6.5	17.5	25	7.5	21			
	27.5							30	7.5	22	30	9.5	24
1	10	12.5	4.5	13.5									
	15	17.5	6	15.5	17.5	7.5	17						
	22.5				25	7.5	19	25	8	22.5			
	27.5							30	7	21.5	30	9.5	21.5
1.5	15	17.5	7.5	16.5	17.5	9.5	19						
	22.5	25	5.5	17	25	9.5	20.5						
	27.5				30	7	21.5	30	8.5	23			
2.2	15	17.5	8.5	18									
	22.5	25	7	18	25	9.5	24.5						
	27.5				30	8.5	23						
3.3	22.5	25	7	21.5									
	27.5				30	10.5	25.5						
4.7	22.5	25	7	21.5									
	27.5	30	7.5	22									
6.8	27.5	30	9	23.5									
10	27.5	31	16	25									

