



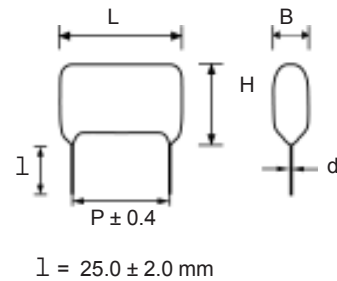
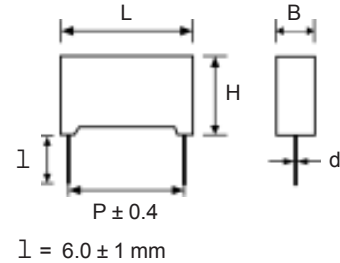
# FILM FOIL POLYPROPYLENE CAPACITORS

## PPB / PPD SERIES

**APPLICATION :** In Switch mode power supplies (SMPS), as damping and commutation capacitors, deflection systems in TVs / monitors, static frequency convertors and power electronics.

### TECHNICAL DETAILS

- Dielectric** : Plain Polypropylene
- Electrodes** : Foil
- Ref. Standard** : IEC 384-17
- Encapsulation** : 1. Plastic box and epoxy (PPB)  
2. Epoxy dip coated (PPD)
- Flame Retardancy** : Conforming to UL 94 V-0
- Environmental** : 55/105/56
- Category**
- Capacitance** :  $\pm 10\%$
- Tolerance**
- Test Voltage** :  $2 \times V_r$  (2 secs.)
- I. R. at 500V** :  $> 1 \times 10^5 \text{ M}\Omega$
- Tan  $\delta$  at 100kHz** :  $\leq 0.10\%$
- Max. pulse rise time (dv/dt) :**



Capacitance pfd / mfd.	Pulse rise time V/ $\mu$ sec	
	1600 V	2000 V
100.....220	18000	18000
330.....680	15000	16000
1000.....2200	11000	15000
3300.....6800	9000	13000
0.01	6000	8500

L	P	d
18	15.0	0.8
27.0	22.5	0.8

### Dimensions (max. in mm) :

#### 15 mm pitch Box & Dip type

Capacitance mfd.	1600 V			2000 V		
	L	B	H	L	B	H
0.001	18	5.0	11.0	18	5.0	11.0
0.0015	18	5.0	11.0	18	5.0	11.0
0.0022	18	5.0	11.0	18	5.0	11.0
0.0033	18	5.0	11.0	18	6.5	12.0
0.0039	18	5.0	11.0	18	6.5	12.0
0.0047	18	5.0	11.0	18	6.5	12.0
0.0056	18	5.0	11.0	18	7.5	14.0
0.0068	18	5.0	11.0	18	7.5	14.0
0.0075	18	6.5	12.0	18	7.5	14.0
0.0082	18	6.5	12.0	18	8.5	15.0
0.0091	18	6.5	12.0	18	8.5	15.0
0.01	18	6.5	12.0	18	8.5	17.0
0.015	18	7.5	14.0			
0.022	18	8.5	13.0			

#### 22.5 mm pitch Box type

Capacitance mfd.	1600 V/2000 V		
	L	B	H
0.0022	27.0	6.5	13.0
0.0033	27.0	6.5	13.0
0.0039	27.0	6.5	13.0
0.0047	27.0	6.5	14.0
0.0056	27.0	6.5	14.0
0.0062	27.0	6.5	14.0
0.0068	27.0	6.5	14.0
0.0072	27.0	8.5	14.0
0.0075	27.0	8.5	14.0
0.0082	27.0	8.5	14.0
0.0085	27.0	8.5	14.0
0.0091	27.0	8.5	14.0
0.01	27.0	8.5	14.0



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