



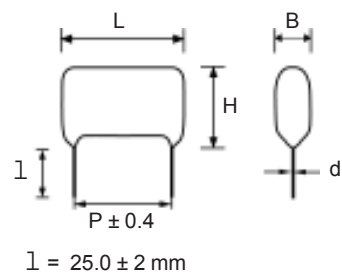
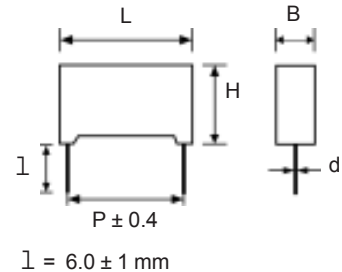
METALLISED POLYPROPYLENE CAPACITORS

MPB / MPD SERIES

APPLICATION : Switch mode power supply (SMPS), thyristors, TV (correction), electronic ballast, A.C. application & frequency dividing circuits.

TECHNICAL DETAILS

- Dielectric** : Polypropylene
- Electrodes** : Vacuum deposited aluminium
- Ref. Standard** : IEC 384-16
- Encapsulation** : 1. Plastic box and epoxy (MPB)
2. Epoxy dip coated (MPD)
- Flame Retardancy** : Conforming to UL 94 V-0
- Environmental** : 55/58/56
- Category**
- Capacitance** : $\pm 5\%$, $\pm 10\%$
- Tolerance**
- Test Voltage** : $1.6 \times V_r$ (2 seconds)
- I. R. at 100 V** : $C \leq 0.33 \text{ mfd} : > 1 \times 10^5 \text{ M}\Omega$
 $C > 0.33 \text{ mfd} : > 30,000 \text{ secs.}$
- Tan δ at 100KHz** : $\leq 0.3\%$ for $C \leq 0.33 \text{ mfd}$
 $\leq 2.5\%$ for $C > 0.33 \text{ mfd}$



L	P	d
13	10	0.6
18	15	0.8
22	27.5	0.8
27	22.5	0.8

Dimensions (max in mm):

Capacitance mfd.	400 VDC		
	L	B	H
0.68	25	10	18



ISO 9001

DESAI ELECTRONICS PVT. LTD.

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METALLISED POLYPROPYLENE CAPACITORS

MPB / MPD SERIES

Dimensions (max in mm):

Capacitance mfd.	250 VDC			400 VDC			630 VDC			1250 VDC		
	L	B	H	L	B	H	L	B	H	L	B	H
0.0033				14.0	4.0	10.0	14.0	4.0	10.0	14.0	4.0	10.0
0.0047							14.0	4.0	10.0	14.0	4.0	10.0
0.0068							14.0	4.0	10.0	14.0	4.0	10.0
0.0082										14.0	4.0	10.0
0.01							14.0	4.0	10.0	14.0	4.0	10.0
0.015							13.0	5.0	11.0			
0.022	13.0	4.0	10.0									
0.033	13.0	4.0	10.0									
0.047	13.0	4.0	10.0									
0.068	13.0	5.0	11.0									
0.1	13.0	6.0	12.0	18.0	5.0	11.0						
0.15	18.0	6.5	12.0	18.0	5.0	11.0						
0.22	18.0	6.5	12.0	18.0	6.0	12.0	32.0	8.5	16.0			
0.33	27.0	6.5	13.0	27.0	8.5	14.0	32.0	11.5	21.0			
0.047	27.0	6.5	13.0	27.0	8.5	14.0	31.0	11.5	21.0			
0.068	31.0	8.5	16.0	31.0	8.5	16.0						
1.0	31.0	8.5	16.0	31.0	11.5	21.0						
1.5	31.0	11.5	21.0	31.0	11.5	21.0						
2.2	31.0	11.5	21.0	31.0	14.0	24.0						
3.3	31.0	14.0	24.0									



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