



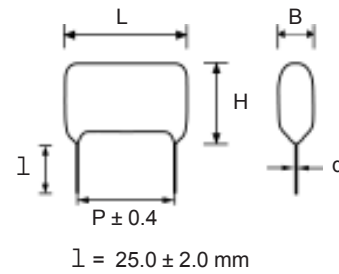
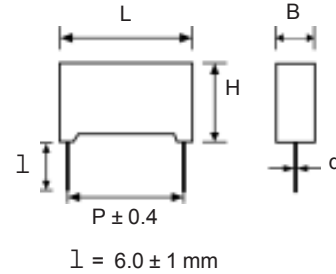
ELECTROMAGNETIC INTERFERENCE (EMI) SUPPRESSION CAPACITORS

**MPB-X2 /
MPD-X2
SERIES**

APPLICATION : In electronic equipment and appliances for suppression of electromagnetic interference (EMI/RFI) across the line & line by pass, SMPS, electronic ballast.

TECHNICAL DETAILS

- Dielectric** : Polypropylene
Electrodes : Vacuum deposited zinc aluminium
Ref. Standard : IEC 384-14
Encapsulation : 1. Plastic box and Epoxy (MPB-X2)
 2. Epoxy dip coated (MPD-X2)
Flame Retardancy : Conforming to UL 94 V-0
Environmental : 55/105/56
Category
Capacitance : $\pm 10\%$
Tolerance
Test Voltage : 1500V (2 seconds)
I. R. at 100 V : $C \leq 0.33 \text{ mfd.} : > 3 \times 10^4 M\Omega$
 $C > 0.33 \text{ mfd.} : > 10,000 \text{ secs.}$
Tan δ at 100KHz : $C \leq 0.33 \text{ mfd.} \leq 0.5\%$
 $\& C > 0.33 \text{ mfd.} \leq 1.0\%$



L	P	d
13	10	0.6
18	15	0.8
27	22.5	0.8
30	27.5	0.8



ISO 9001

DESAI ELECTRONICS PVT. LTD.

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ELECTROMAGNETIC INTERFERENCE (EMI) SUPPRESSION CAPACITORS

**MPB-X2 /
MPD-X2
SERIES**

Dimension (max. in mm):

For 250/275/305 VAC, 10 & 15 mm pitch

Capacitance mfd.	L	B	H	L	B	H
0.01	14.0	4.0	10.0	18.0	5.0	11.0
0.015	13.0	5.0	11.0	18.0	5.0	11.0
0.022	14.0	4.0	10.0	18.0	5.0	11.0
0.033	14.0	4.0	10.0	18.0	5.0	11.0
0.047	13.0	4.0	11.0	18.0	5.0	11.0
0.068	13.0	5.0	11.0	18.0	5.0	11.0
0.1	13.0	5.0	11.0	18.0	5.0	11.0
0.15				18.0	6.5	12.0
0.22				18.0	7.5	14.0

For 250/275/305 VAC, 22.5/27.5 mm pitch

Capacitance mfd.	L	B	H
0.22	26.0	6.5	13.0
0.33	26.0	8.5	14.0
0.41	27.0	8.5	17.5
0.47	27.0	8.5	17.5
0.68	27.0	10.5	21.0
1.0	31.0	11.5	21.0
1.5	31.0	11.5	21.0
1.8	31.0	14.0	24.0
2.2	31.0	14.0	24.0

For 440 VAC, 10 to 27.5 mm pitch

Capacitance mfd.	L	B	H
0.01	14.0	4.0	10.0
0.015	13.0	5.0	11.0
0.022	13.0	5.0	11.0
0.22	31.0	8.5	16.0
0.33	31.0	11.5	21.0
0.47	31.0	11.5	21.0



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