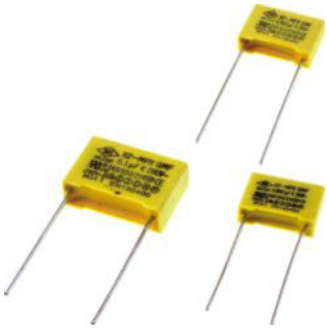
Metallized Polypropylene Film Capacitor MPBX2

Outline Drawing

Are noninductively wound with metallized polypropylene film as the dielectric/electrode with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin.



Features

Box type provides the identical outer appearance

Very low loss at high frequency, suitable for high current

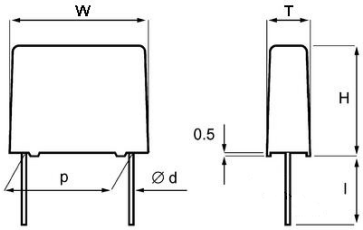
High insulation resistance, long life due to self-healing effect

Withstanding 2.5KV impulse voltage

As an across-the-line type noise suppression capacitors, and suitable for AC purpose

Specifications

Reference Standard	GB/T14472-1998(IEC 60384-14)
Climatic Category	40/100/21
Rated Voltage	250VAC 280VAC 400VAC
Capacitance Range	0.0022~4.7uF
Capacitance Tolerance	±5%(J), ±10%(K), ±20%(M)
Voltage proof	4.3Ur(5s)
Dissipation Factor	≤0.15% CR≤1.0Uf ≤0.30% CR>1.0uF (20℃, 10KHz)
Insulation Resistance	≥30000MΩ (CR≤0.33uF) ≥10000s (CR>0.33uF) (20℃, 1min)



Ordering Code

MPBX2-22NR15

- Pitch:
  - R10-10mm
  - R15-15mm
  - R22-22.5mm
  - R27-27.5mm
  - R31-31.5mm
  - R41-41.5mm
- Capacity code
- Product symbol

Dimensions

Capcity code	uF	Size	W(mm)	T(mm)	H(mm)	P(mm)	d(mm)	l(mm)
2.2N	0.0022		13.0	4.0	9.0	10.0	0.6	15
2.7N	0.0027		13.0	4.0	9.0	10.0	0.6	15
3.3N	0.0033		13.0	4.0	9.0	10.0	0.6	15
3.9N	0.0039		13.0	4.0	9.0	10.0	0.6	15
4.7N	0.0047		13.0	4.0	9.0	10.0	0.6	15
5.6N	0.0056		13.0	5.0	11.0	10.0	0.6	15
6.8N	0.0068		13.0	5.0	11.0	10.0	0.6	15
8.2N	0.0082		13.0	5.0	11.0	10.0	0.6	15
10N	0.01		13.0	5.0	11.0	10.0	0.6	15
10N	0.01		18.0	5.0	11.0	15.0	0.8	15
12N	0.012		13.0	5.0	11.0	10.0	0.6	15
15N	0.015		13.0	5.0	11.0	10.0	0.6	15
18N	0.018		13.0	5.0	11.0	10.0	0.6	15
22N	0.022		13.0	5.0	11.0	10.0	0.6	15
22N	0.022		18.0	5.0	11.0	15.0	0.8	15
27N	0.027		13.0	5.0	11.0	10.0	0.6	15
33N	0.033		13.0	5.0	11.0	10.0	0.6	15
33N	0.033		18.0	5.0	11.0	15.0	0.8	15
39N	0.039		13.0	6.0	12.0	10.0	0.6	15
47N	0.047		13.0	6.0	12.0	10.0	0.6	15
47N	0.047		18.0	5.0	11.0	15.0	0.8	15
56N	0.056		13.0	6.0	12.0	10.0	0.6	15
56N	0.056		18.0	6.0	11.0	15.0	0.8	15
68N	0.068		13.0	6.0	12.0	10.0	0.6	15
68N	0.068		18.0	5.0	11.0	15.0	0.8	15
82N	0.082		13.0	6.0	12.0	10.0	0.6	15
82N	0.082		18.0	5.2	11.5	15.0	0.8	15
100N	0.1		13.0	6.0	12.0	10.0	0.6	15
100N	0.1		18.0	6.0	12.0	15.0	0.8	15
120N	0.12		18.0	6.0	13.0	15.0	0.8	15
150N	0.15		18.0	7.5	13.0	15.0	0.8	15
150N	0.15		26.5	6.0	15.0	22.5	0.8	15
180N	0.18		18.0	8.5	14.5	15.0	0.8	15

Capcity code	uF	Size	W(mm)	T(mm)	H(mm)	P(mm)	d(mm)	l(mm)
180N	0.18		26.5	6.0	15.0	22.5	0.8	15
220N	0.22		18.0	8.5	14.5	15.0	0.8	15
220N	0.22		26.5	7.0	16.5	22.5	0.8	15
270N	0.27		26.5	8.5	16.5	22.5	0.8	15
330N	0.33		18.0	8.5	14.5	15.0	0.8	15
330N	0.33		26.5	7.0	16.5	22.5	0.8	15
390N	0.39		18.0	9.5	15.5	15.0	0.8	15
390N	0.39		26.5	10.0	20.0	22.5	0.8	15
470N	0.47		18.0	10.0	16.0	15.0	0.8	15
470N	0.47		26.5	10.0	20.0	22.5	0.8	15
560N	0.56		26.5	11.0	20.0	22.5	0.8	15
560N	0.56		32.0	11.0	20.0	27.5	0.8	15
680N	0.68		26.5	11.0	20.0	22.5	0.8	15
680N	0.68		32.0	11.0	20.0	27.5	0.8	15
820N	0.82		26.5	12.0	21.5	22.5	0.8	15
820N	0.82		32.0	13.0	22.0	27.5	0.8	15
1U	1		26.5	13.0	23.0	22.5	0.8	15
1U	1		32.0	13.0	22.0	27.5	0.8	15
1U	1		37.0	13.5	25.0	31.5	0.8	15
1.5U	1.5		32.0	13.0	22.0	27.5	0.8	15
1.5U	1.5		37.0	17.0	26.5	31.5	0.8	15
1.8U	1.8		37.0	19.0	29.0	31.5	0.8	15
2U	2		31.0	22.0	31.0	27.5	0.8	15
2U	2		38.0	18.0	28.0	31.5	0.8	15
2.2U	2.2		31.0	22.0	31.0	27.5	0.8	15
2.2U	2.2		38.0	19.0	29.0	31.5	0.8	15
2.5U	2.5		38.0	20.0	30.0	31.5	0.8	15
3U	3		38.0	20.0	30.0	31.5	0.8	15
3.3U	3.3		38.0	21.7	31.3	31.5	0.8	15
4U	4.		48.0	30.0	30.0	41.5	0.8	15
4.7U	4.7		48.0	30.0	30.0	41.5	0.8	15