

# 盒式金属化聚丙烯膜抗干扰电容器

## (MPX/X2) 规格书





### 特点

- 电容器容量范围从 0.001uF 到 2.2uF。
- 工作温度：-40℃~110℃。
- 储存温度：15℃~35℃。
- 能承受过压冲击。
- 阻燃性树脂 (UL94V-0)。

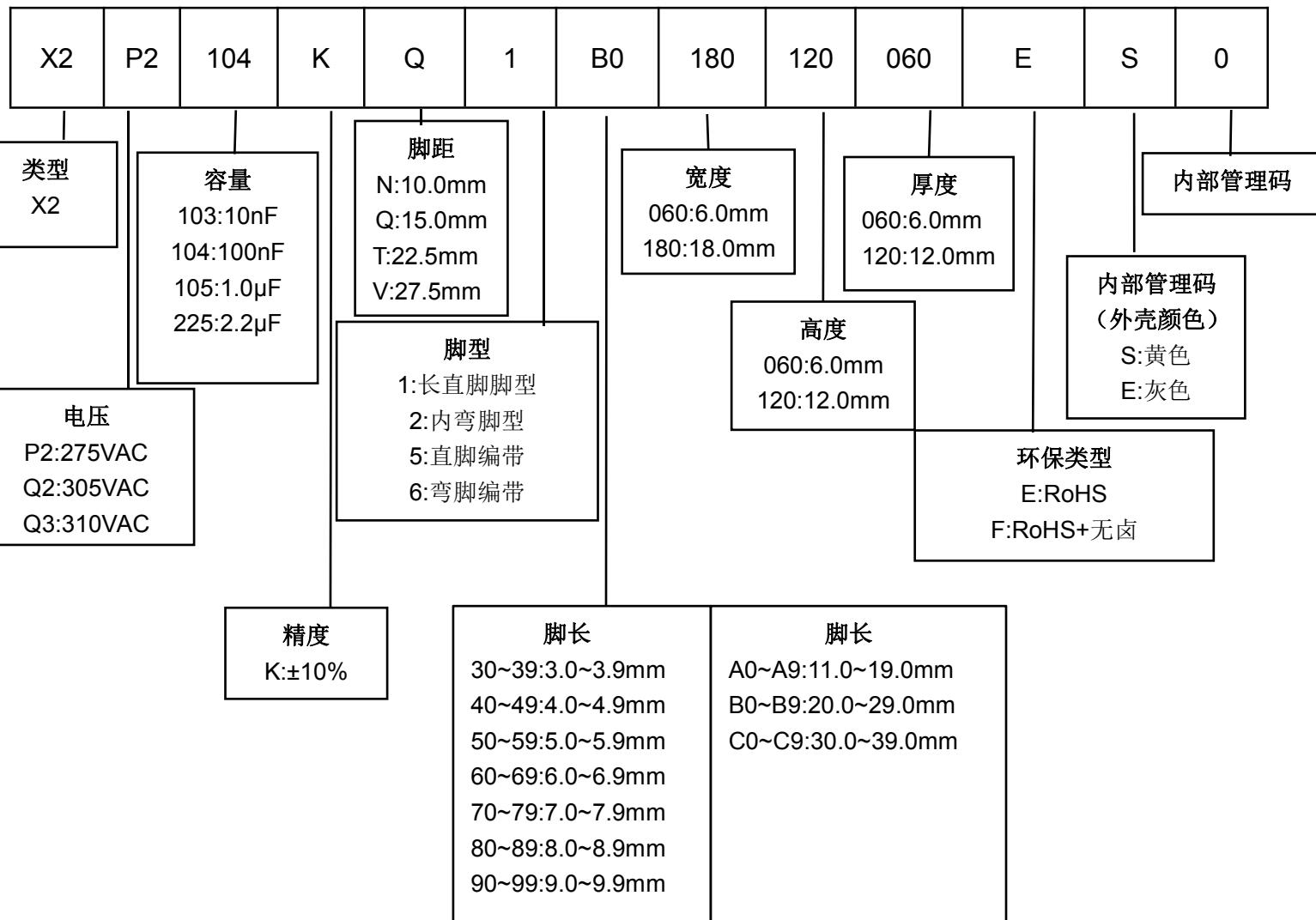
### 用途

- 主要用于各种电源跨接线路等抗干扰场合。

### 安规认证

国家	认证组织	标准号	证书号	
美国/加拿大		UL/CUL	UL60384 E208107	
德国		VDE	EN60384-14 40034679	
欧盟		ENEC	EN60384-14 40034679	
韩国		KTL	K60384	SU03031-12001A
				SU03031-12002A
				SU03031-12003B
				SU03031-12004B
中国		CQC	GB/T 6346.14-2015 CQC19001213200	
国际电工委员会		IEC-CB	IEC60384-14 CN11932	

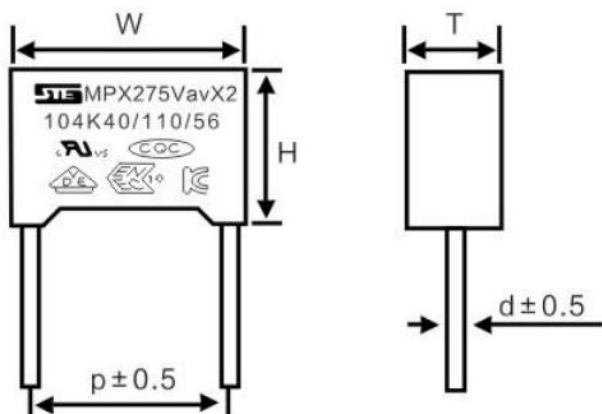
## 料号编码原则



## 技术要求

气候类别	40/110/56
额定电压	275VAC、305VAC、310VAC
损耗角正切	≤0.1%
耐电压	引脚与壳体之间: 2U <sub>R</sub> +1500VAC 最小 2000VAC
	两引出端之间:4.3U <sub>R</sub> (DC)/5S
绝缘电阻	C <sub>R</sub> ≤0.33μF, IR≥15000MΩ C <sub>R</sub> >0.33μF, IR≥6000S 注: T[s]=I.R.[MΩ]*CN [μF]    20℃、100V、60S

## 外形尺寸 (mm) 和安规认证



容量(uF)	电压	尺寸 (mm)				
		W±0.5	H±0.5	T±0.5	P±1.0	d±0.05
0.001	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6
0.0022	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6
0.0033	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6
0.0039	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6
0.0047	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6
0.01	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6
0.022	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6
0.033	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6

## 盒式金属化聚丙烯膜抗干扰电容器 (MPX/X2)

容量(uF)	电压	尺寸 (mm)				
		W±0.5	H±0.5	T±0.5	P±1.0	d±0.05
0.047	275VAC	13.0	11.0	5.0	10.0	0.6
	305VAC	13.0	11.0	5.0	10.0	0.6
	310VAC	13.0	11.0	5.0	10.0	0.6
0.068	275VAC	13.0	12.0	6.0	10.0	0.6
	305VAC	13.0	12.0	6.0	10.0	0.6
	310VAC	13.0	12.0	6.0	10.0	0.6
0.082	275VAC	13.0	12.0	6.0	10.0	0.6
	305VAC	13.0	12.0	6.0	10.0	0.6
	310VAC	13.0	12.0	6.0	10.0	0.6
0.1	275VAC	13.0	12.0	6.0	10.0	0.6
	305VAC	13.0	12.0	6.0	10.0	0.6
	310VAC	13.0	12.0	6.0	10.0	0.6
0.15	275VAC	13.0	12.0	6.0	10.0	0.6
0.22	275VAC	13.0	15.0	8.0	10.0	0.6
0.033	275VAC	18.0	11.0	5.0	15.0	0.8
	305VAC	18.0	11.0	5.0	15.0	0.8
	310VAC	18.0	11.0	5.0	15.0	0.8
0.047	275VAC	18.0	11.0	5.0	15.0	0.8
	305VAC	18.0	11.0	5.0	15.0	0.8
	310VAC	18.0	11.0	5.0	15.0	0.8
0.068	275VAC	18.0	11.0	5.0	15.0	0.8
	305VAC	18.0	11.0	5.0	15.0	0.8
	310VAC	18.0	11.0	5.0	15.0	0.8
0.082	275VAC	18.0	12.0	6.0	15.0	0.8
	305VAC	18.0	12.0	6.0	15.0	0.8
	310VAC	18.0	12.0	6.0	15.0	0.8
0.1	275VAC	18.0	12.0	6.0	15.0	0.8
	305VAC	18.0	12.0	6.0	15.0	0.8
	310VAC	18.0	12.0	6.0	15.0	0.8
0.15	275VAC	18.0	12.0	6.0	15.0	0.8
	305VAC	18.0	12.0	6.0	15.0	0.8
	310VAC	18.0	12.0	6.0	15.0	0.8
0.22	275VAC	18.0	14.5	8.5	15.0	0.8
	305VAC	18.0	14.5	8.5	15.0	0.8
	310VAC	18.0	14.5	8.5	15.0	0.8

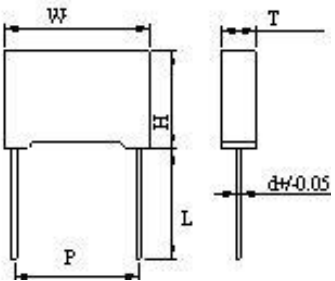
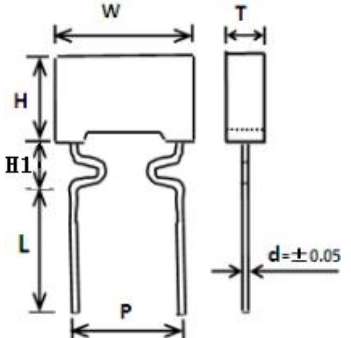
## 盒式金属化聚丙烯膜抗干扰电容器 (MPX/X2)

容量(uF)	电压	尺寸 (mm)				
		W±0.5	H±0.5	T±0.5	P±1.0	d±0.05
0.33	275VAC	18.0	14.5	8.5	15.0	0.8
	305VAC	18.0	16.0	10.0	15.0	0.8
	310VAC	18.0	16.0	10.0	15.0	0.8
0.47	275VAC	18.0	16.0	10.0	15.0	0.8
	305VAC	18.0	16.0	10.0	15.0	0.8
	310VAC	18.0	16.0	10.0	15.0	0.8
0.56	275VAC	18.0	16.0	10.0	15.0	0.8
	305VAC	18.0	16.0	10.0	15.0	0.8
	310VAC	18.0	16.0	10.0	15.0	0.8
0.68	275VAC	18.0	19.0	11.0	15.0	0.8
	305VAC	18.0	19.0	11.0	15.0	0.8
	310VAC	18.0	19.0	11.0	15.0	0.8
0.22	275VAC	26.5	16.5	7.0	22.5	0.8
	305VAC	26.5	16.5	7.0	22.5	0.8
	310VAC	26.5	16.5	7.0	22.5	0.8
0.27	275VAC	26.5	16.5	7.0	22.5	0.8
	305VAC	26.5	16.5	7.0	22.5	0.8
	310VAC	26.5	16.5	7.0	22.5	0.8
0.33	275VAC	26.5	17.0	8.5	22.5	0.8
	305VAC	26.5	17.0	8.5	22.5	0.8
	310VAC	26.5	17.0	8.5	22.5	0.8
0.47	275VAC	26.5	19.0	10.0	22.5	0.8
	305VAC	26.5	19.0	10.0	22.5	0.8
	310VAC	26.5	19.0	10.0	22.5	0.8
0.56	275VAC	26.5	19.0	10.0	22.5	0.8
	305VAC	26.5	19.0	10.0	22.5	0.8
	310VAC	26.5	19.0	10.0	22.5	0.8
0.68	275VAC	26.5	17.0	8.5	22.5	0.8
	305VAC	26.5	17.0	8.5	22.5	0.8
	310VAC	26.5	17.0	8.5	22.5	0.8
0.82	275VAC	26.5	19.0	10.0	22.5	0.8
	305VAC	26.5	19.0	10.0	22.5	0.8
	310VAC	26.5	19.0	10.0	22.5	0.8
1.0	275VAC	26.5	17.0	8.5	22.5	0.8
	305VAC	26.5	20.0	11.0	22.5	0.8
	310VAC	26.5	20.0	11.0	22.5	0.8

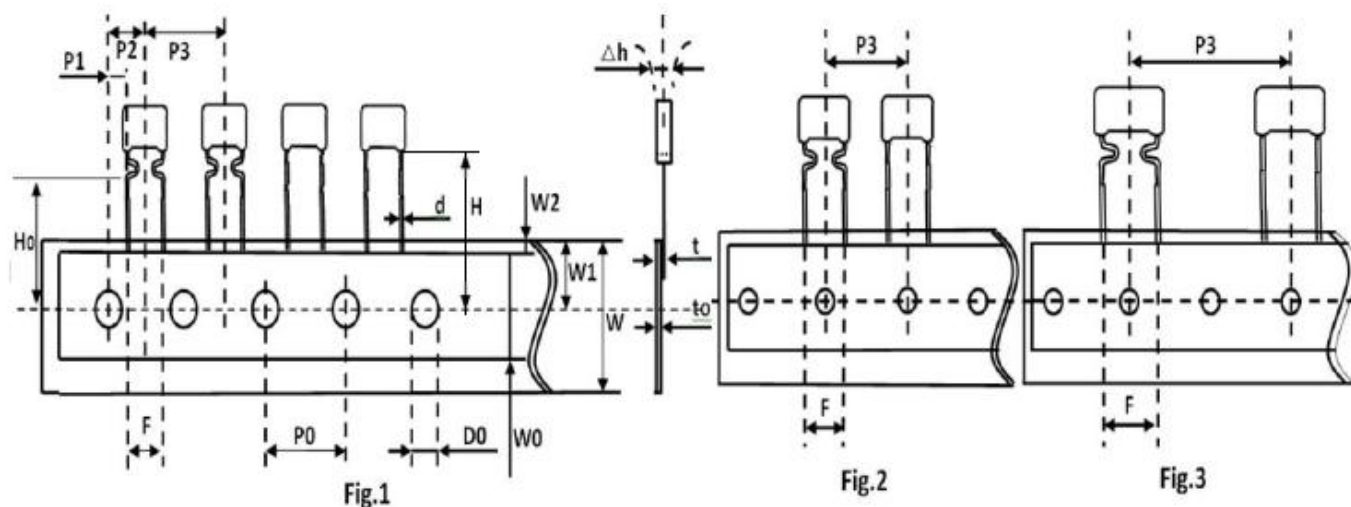
## 盒式金属化聚丙烯膜抗干扰电容器 (MPX/X2)

容量(uF)	电压	尺寸 (mm)				
		W±0.5	H±0.5	T±0.5	P±1.0	d±0.05
1.2	275VAC	26.5	19.0	10.0	22.5	0.8
	305VAC	26.5	22.0	12.5	22.5	0.8
	310VAC	26.5	22.0	12.5	22.5	0.8
1.5	275VAC	26.5	20.0	11.0	22.5	0.8
	305VAC	26.5	22.0	12.5	22.5	0.8
	310VAC	26.5	22.0	12.5	22.5	0.8
0.68	275VAC	32.0	20.0	11.0	27.5	0.8
	305VAC	32.0	20.0	11.0	27.5	0.8
	310VAC	32.0	20.0	11.0	27.5	0.8
0.82	275VAC	32.0	20.0	11.0	27.5	0.8
	305VAC	32.0	20.0	11.0	27.5	0.8
	310VAC	32.0	20.0	11.0	27.5	0.8
1.0	275VAC	32.0	20.0	11.0	27.5	0.8
	305VAC	32.0	20.0	11.0	27.5	0.8
	310VAC	32.0	20.0	11.0	27.5	0.8
1.2	275VAC	32.0	20.0	11.0	27.5	0.8
	305VAC	32.0	20.0	11.0	27.5	0.8
	310VAC	32.0	20.0	11.0	27.5	0.8
1.5	275VAC	32.0	22.0	13.0	27.5	0.8
	305VAC	32.0	22.0	13.0	27.5	0.8
	310VAC	32.0	22.0	13.0	27.5	0.8
2.0	275VAC	32.0	22.0	13.0	27.5	0.8
	305VAC	32.0	25.0	14.0	27.5	0.8
	310VAC	32.0	25.0	14.0	27.5	0.8
2.2	275VAC	32.0	22.0	13.0	27.5	0.8
	305VAC	32.0	25.0	14.0	27.5	0.8
	310VAC	32.0	25.0	14.0	27.5	0.8

## 脚型、脚长说明

脚型	图示	脚长 L (mm)	高度 H1(mm)
长直脚脚型		① $[2.5 \leq L < 6.0] \pm 0.5$ ; ② $[6.0 \leq L \leq 10] \pm 1.0$	/
内弯脚型		① $[2.5 \leq L < 6.0] \pm 0.5$ ; ② $[6.0 \leq L \leq 10] \pm 1.0$	脚距 $P > 10\text{mm}$ : $H1 < 6.0\text{mm}$ 脚距 $P \leq 10\text{mm}$ : $H1 < 5.0\text{mm}$

## 编带尺寸 (mm)



代码	Fig.1	Fig.2	Fig.2	Fig.3	Fig.3	误差
	P=5.0	P=7.5	P=10	P=15	P=20/22.5	
P3	12.7	12.7	12.7	25.4	30.0	±1.0
P2	6.35	/	/	/	/	±1.3
P0	12.7	12.7	12.7	12.7	15.0	±0.3
P1	3.85	/	/	/	/	±0.7
F	5.0	7.5	10.0	15.0	20.0/22.5	±1.0
H	20.0	20.0	20.0	20.0	20.0	±1.0
H0	16.5	16.5	16.5	16.5	16.5	±0.5
Δh	0	0	0	0	0	±2.0
W	18.0	18.0	18.0	18.0	18.0	+1.0/-0.5
W0	12.0	12.0	12.0	12.0	12.0	±1.0
W1	9.0	9.0	9.0	9.0	9.0	±0.5
W2	3.0	3.0	3.0	3.0	3.0	Max
D0	4.0	4.0	4.0	4.0	4.0	±0.3
d	0.5	0.6	0.6	0.8	0.8	±0.05
t	1.0	1.1	1.1	1.4	1.4	±0.2
t0	0.38	0.38	0.38	0.47	0.47	±0.04