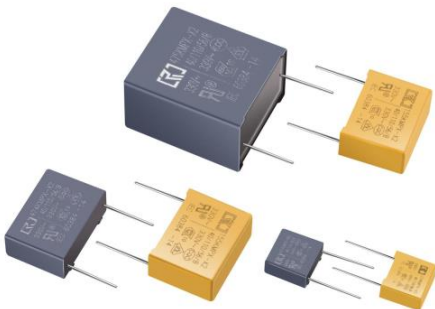
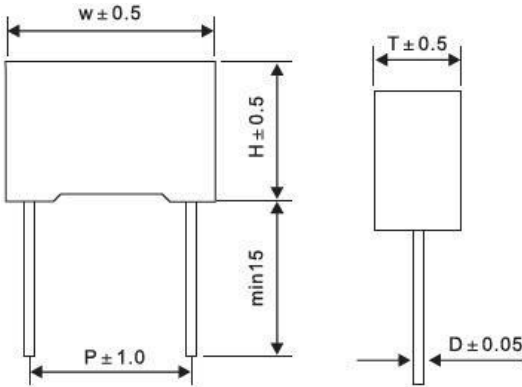




MPY-Y2



■ 特性 Features

金属化聚丙烯膜，无感卷绕结构；
自愈性能优异，能承受过压冲击；
优异的阻燃、防潮性能

Metallized polypropylene film, non-inductive wound construction;
Excellent self-healing properties, withstanding overvoltage capability; Excellent active and passive flame resistant capability and humidity resistant capability for harsh conditions.

■ 用 APPLICATION

广泛用于电源跨线线路等抗干扰场合；
用于与电源串联的电容降压电路场合

Widely used in across-the-line, interference suppression circuit;
Used in RC step-down circuits when in series connection with power supplies.

■ 性能参数 Technical data

引用技术标准 GB/T 17702(IEC61071)、AEC-Q200D

项目 Item	性能 Performance Characteristics	
使用温度范围 Operating Temperature range	-40 +105℃	
贮存温度范围 Storage Temperature range	-40 +105℃	
额定电压 Rated Voltage Range	300V.AC	
额定容量 Rated Capacity	0.001~1 μ F	
静电容量范围 Capacitance Tolerance	± 5% (J) / ± 10% (K)	
介质损耗 (tanδ) Dissipation Factor (tan δ)	≤0.0015 at 20°C, 1K Hz	
耐电压 Voltage Proof	极间 Vtt	1.5Un(10S,20℃ ± 5℃)
	极壳 Vt-c	---
杂散电感 ESL	≤30nH	
绝缘电阻 IR	≥5000s at 100VDC/60S	
耐久性试验 Endurance	测试条件: 温度 85℃ ± 3℃; 施加额定电压Un; 试验时间 1000h.	
	静电容量变化 Capacitance change	ΔC/C0 ≤10%
	损耗角正切 D. F. (Tan δ)	Δtanδ ≤ 1.2tanδ + 0.0001
预期寿命 Life	100000h (可参考寿命曲线图)	



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P=7.5

CN μ F	外形尺寸 mm			P (mm)	Part Number
	W	H	T		
0.001	10.5	9	4	7.5	
0.0012	10.5	9	4	7.5	
0.0015	10.5	9	4	7.5	
0.0018	10.5	9	4	7.5	
0.0022	10.5	9	4	7.5	
0.0027	10.5	9	4	7.5	
0.0027	10.5	11	5	7.5	
0.0033	10.5	11	5	7.5	
0.0039	10.5	11	5	7.5	
0.0039	10.5	12	6	7.5	
0.0047	10.5	12	6	7.5	
0.0056	10.5	12	6	7.5	

P=10

CN μ F	外形尺寸 mm			P (mm)	Part Number
	W	H	T		
0.001	13	9	4	10	
0.0012	13	9	4	10	
0.0015	13	9	4	10	
0.0018	13	9	4	10	
0.0022	13	9	4	10	
0.0027	13	9	4	10	
0.0033	13	9	4	10	
0.0039	13	9	4	10	
0.0047	13	11	5	10	
0.0056	13	11	5	10	
0.0068	13	11	5	10	
0.0068	13	7.5	9.5	10	
0.0082	13	12	6	10	
0.01	13	12	6	10	
0.012	13	12	6	10	
0.015	13	12	6	10	
0.015	13	13	7	10	

P=15

CN μ F	外形尺寸 mm			P (mm)	Part Number
	W	H	T		
0.0022	18	11	5	15	
0.0027	18	11	5	15	
0.0033	18	11	5	15	
0.0039	18	11	5	15	
0.0047	18	11	5	15	

0.0056	18	11	5	15	
0.0068	18	11	5	15	
0.0082	18	11	5	15	
0.01	18	11	5	15	
0.012	18	11	5	15	
0.012	18	12	6	15	
0.015	18	11	5	15	
0.015	18	12	6	15	
0.018M	18	11	5	15	
0.018	18	12	6	15	
0.022	18	12	6	15	
0.022	18	13.5	6	15	
0.027M	18	12	6	15	
0.027	18	12	7	15	
0.027	18	13.5	7.5	15	
0.033	18	13.5	7.5	15	
0.033	18	12.5	9	15	
0.039	18	13.5	7.5	15	
0.039	18	12.5	9	15	
0.039	18	14.5	8.5	15	
0.047	18	14.5	8.5	15	
0.047	18	12	13	15	
0.047	18	16	10	15	
0.056	18	16	10	15	
0.056	18	19	11	15	
0.068	18	16	10	15	
0.068	18	19	11	15	

P=22.5

CN μ F	外形尺寸 mm			P (mm)	Part Number
	W	H	T		
0.033	26.5	15	6	22.5	
0.039	26.5	15	6	22.5	
0.047	26.5	15	6	22.5	
0.047	26.5	16.5	7	22.5	
0.056	26.5	15	6	22.5	
0.056	26.5	16.5	7	22.5	
0.068M	26.5	15	6	22.5	
0.068	26.5	16.5	7	22.5	
0.068	26.5	17	8.5	22.5	
0.082	26.5	16.5	7	22.5	
0.082	26.5	17	8.5	22.5	
0.1	26.5	17	8.5	22.5	
0.1	26.5	19	10	22.5	
0.12	26.5	17	8.5	22.5	
0.12	26.5	19	10	22.5	
0.15	26.5	19	10	22.5	



0.15	26.5	20	11	22.5	
0.18	26.5	20	11	22.5	
0.18	26.5	22	12	22.5	
0.22	26.5	22	12	22.5	
0.22	26.5	23	13.5	22.5	
0.27	26.5	23	13.5	22.5	
0.27	26.5	29.5	14.5	22.5	
0.33	26.5	24.5	15.5	22.5	
0.33	26.5	29.5	14.5	22.5	
P=27.5					
CN μ F	外形尺寸 mm			P (mm)	Part Number
	W	H	T		
0.1	32	18	9	27.5	
0.12	32	18	9	27.5	
0.15	32	18	9	27.5	
0.15	32	12	18	27.5	
0.15	32	20	11	27.5	
0.18	32	20	11	27.5	
0.22	32	20	11	27.5	
0.22M	32	12	18	27.5	
0.22	32	12	22	27.5	
0.22	32	22	13	27.5	
0.27M	32	20	11	27.5	
0.27	32	22	13	27.5	
0.27	32	25	14	27.5	
0.33M	32	22	13	27.5	
0.33M	32	12	22	27.5	
0.33	32	25	14	27.5	
0.33	32	24.5	15	27.5	
0.33	32	28	14	27.5	
0.39	32	24.5	15	27.5	
0.39	32	28	14	27.5	
0.47M	32	24.5	15	27.5	
0.47M	32	28	14	27.5	
0.47	32	30	16	27.5	
0.47	32	28	18	27.5	
0.47	32	16	27.5	27.5	
0.56	32	30	16	27.5	
0.56	32	28	18	27.5	
0.56	32	33	18	27.5	
0.68M	32	29	19	27.5	
0.68	32	30	21	27.5	
0.68	32	33	18	27.5	
0.68	32	18.5	31	27.5	
0.68	32	37	22	27.5	

0.82M	32	18.5	31	27.5	
0.82M	32	33	18	27.5	
0.82	32	37	22	27.5	
1	32	37	22	27.5	

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P=37.5					
CN μ F	外形尺寸 mm			P (mm)	Part Number
	W	H	T		
0.27	41	22	11	37.5	
0.33	41	22	11	37.5	
0.39M	41	22	11	37.5	
0.39	41	24	13	37.5	
0.47	41	24	13	37.5	
0.47	42	15	24	37.5	
0.47	41	26	15	37.5	
0.56	41	26	15	37.5	
0.56	42	28	14	37.5	
0.68M	41	26	15	37.5	
0.68M	42	28	14	37.5	
0.68M	42	15	24	37.5	
0.68	41	30	16	37.5	
0.82	41	30	16	37.5	
0.82	42	19	24	37.5	
0.82	41	32	17	37.5	
1	41	32	17	37.5	
1	41	33.5	18.5	37.5	
1	41.5	35	19	37.5	