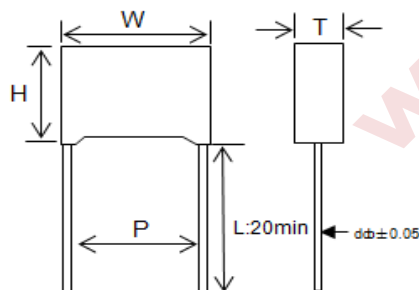


W41 MKP(E) series

电容降压专用金属化聚丙烯膜交流电容器
Metallized polypropylene film A.C. capacitor

■ 外形图 Outline Drawing



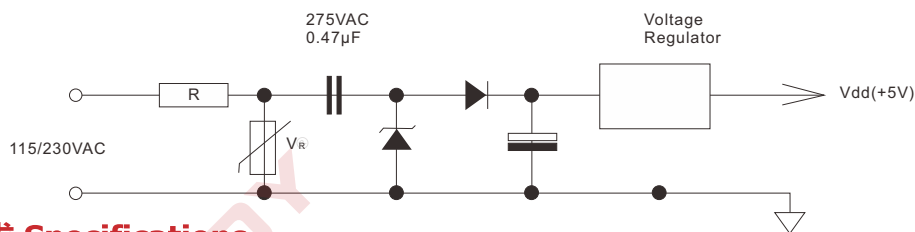
■ 特点

- 专门设计用于与 100~240VAC 电源串联的电容降压电路场合，如电表、LED 驱动模块等
- 金属化聚丙烯
- 自愈性能优异，能承受浪涌电压冲击
- 长期负载下优异的电容容量稳定性
- 优异的防潮性能
- 优异的阻燃性能

■ Features

- This is specifically designed for applications in serial with the 100~240Vac main, i.e.: capacitive divider, for example, energy meter, LED driver, etc.
- Metallized polypropylene structure
- Good self-healing properties, withstanding surge voltage stressing
- Long stability of capacitance
- Good properties in damp environment
- Excellent active and passive flame resistant abilities

■ 典型电路 Typical circuit



■ 技术要求 Specifications

引用标准 Reference Standard	GB/T 14472 (IEC 60384-14)	
电容器类别 class	X2 类	
气候类别 Climatic Category	40/110/56	
工作温度范围 Operating temperature	-40℃~110℃	
额定电压 Rated Voltage	310Vac	
电容量范围 Capacitance Range	0.01 ~ 1.5µF	
电容量偏差 Capacitance Tolerance	±10% (K), ±20% (M)	
耐电压 Voltage Proof	引线之间 Between Terminals:	4.3U _R (DC) (5S)
	极壳之间 Between Terminals To Case:	2 050Vac (1min)
损耗角正切 Dissipation Factor	≤10×10 ⁻⁴ (20℃, 1kHz)	
绝缘电阻 Insulation Resistance	≥50 000MΩ, C _R ≤0.33µF ≥5 000s, C _R >0.33µF (20℃, 100V, 1min)	

W41 MKP(E) series

产品代码说明 Part number system

■ 18 位产品代码说明如下：

The 18 digits part number is formed as follow:



W 4 1

第 1~3 位：型号代码

W41=MKP (E)

第 4~5 位：交流额定电压

Q3=310V

第 6~8 位：标称容量

举例：104 = 10×10^4 PF = 0.1 μ f

第 9 位：容量偏差

K=±10%, M=±20%

第 10 位：引线脚距

M=15mm P=22mm S=27mm

第 11 位：引线线径

6= CP 0.6mm 7= CP 0.7mm

8= CP 0.8mm

第 12 位：引线加工和包装代码

L= 直脚 K= 引线成型

T= 弹带包装

第 13~18 位：内部特征码

Digit 1 to 3: Series code

W41=MKP(E)

Digit 4 to 5: AC rated voltage

Q3=310V

Digit 6 to 8: Rated capacitance

For example: 104 = 10×10^4 PF = 0.1 μ f

Digit 9: Capacitance tolerance

K=±10%, M=±20%

Digit 10: Pitch

M=15mm P=22mm S=27mm

Digit 11: Lead Wire diameter

6= CP 0.6mm 7= CP 0.7mm

8= CP 0.8mm

Digit 12: Lead form and packaging code

L= straight lead K= Lead kinked

T= ammo-pack

Digit 13 to 18: Internal use

W41 MKP(E) series

■ 外形尺寸 Dimensions (mm)

310Vac						
Cn (μ F)	W max	H max	T max	P	d	Part number
0.10	18.0	12.0	6.0	15.0	0.6	W41Q3104-M6*****
0.15	18.0	14.5	8.5	15.0	0.6	W41Q3154-M6*****
0.22	18.0	14.5	8.5	15.0	0.6	W41Q3224-M6*****
0.33	18.0	15.5	9.5	15.0	0.8	W41Q3334-M8*****
0.22	26.5	16.5	7.0	22.0	0.8	W41Q3224-P8*****
0.27	26.5	17.0	8.5	22.0	0.8	W41Q3334-P8*****
0.33	26.5	17.0	8.5	22.0	0.8	W41Q3334-P8*****
0.39	26.5	19.0	10.0	22.0	0.8	W41Q3394-P8*****
0.47	26.5	19.0	10.0	22.0	0.8	W41Q3474-P8*****
0.56	26.5	19.0	10.0	22.0	0.8	W41Q3564-P8*****
0.68	26.5	19.0	10.0	22.0	0.8	W41Q3684-P8*****
0.75	26.5	19.0	10.0	22.0	0.8	W41Q3754-P8*****
0.82	26.5	19.0	10.0	22.0	0.8	W41Q3824-P8*****
0.87	26.0	22.0	12.0	22.0	0.8	W41Q3874-P8*****
0.91	26.0	22.0	12.0	22.0	0.8	W41Q3914-P8*****
1.0	26.0	22.0	12.0	22.0	0.8	W41Q3105-P8*****
0.56	32.0	18.0	9.0	27.0	0.8	W41Q3564-S8*****
0.68	32.0	18.0	9.0	27.0	0.8	W41Q3684-S8*****
0.82	32.0	19.5	9.0	27.0	0.8	W41Q3824-S8*****
1.0	32.0	19.5	11.0	27.0	0.8	W41Q3105-S8*****
1.5	32.0	20.0	11.0	27.0	0.8	W41Q3155-S8*****

备注：1. “-”表示容量偏差。“-”=capacitance tolerance code, M=±20%,K=±10%.

2. 第12位表示引线加工和包装代码，L=直脚 straight lead K=引线成型 Lead kinked T=弹带包装 ammo-pack