

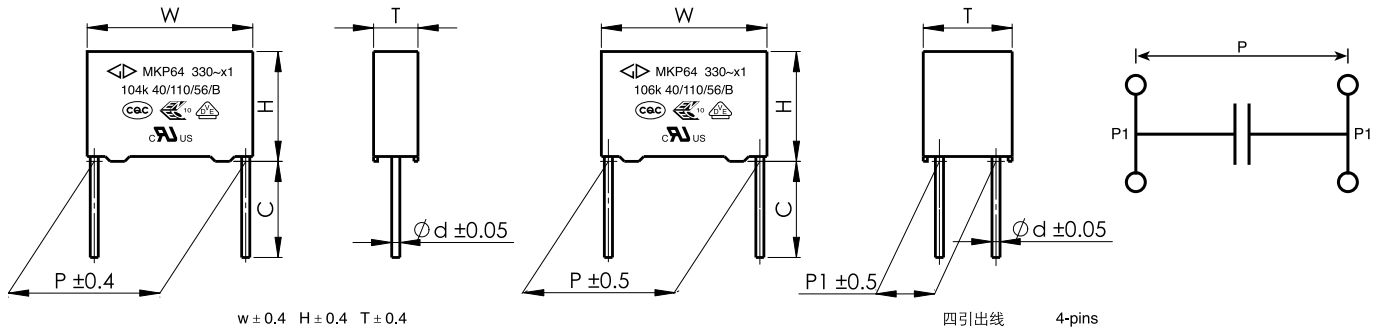


MKP64

Code: C44

金属化聚丙烯膜抗干扰电容器 (X1类, 330Vac) Metallized polypropylene film Interference Suppression capacitor (Class X1, 330Vac)

■ 外形图 Outline Drawing



■ 特点

- 金属化聚丙烯
- 能承受过压冲击
- 优异的阻燃性能
- 用于电源跨线路等抗干扰场合
(不用于与电源串联的场合)

■ Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Used in across-the-line, interference suppression circuit.
(Not for use in series with the mains)

■ 安全认证 Safety Approvals

| | | | |
|---|--|--------------------|------------------------------------------------------------------------------------------------------------------------------------|
| ● | | CQC (中国) | IEC 60384-14:2013, X1, 330 Vac, 0.0010 μ F ~ 15.0 μ F, 40/110/56/B 证书号(Certificate No.): CQC06001016943 |
| ● | | ENEC-VDE (欧盟) | EN 60384-14:2013, X1, 330 Vac, 0.0010 μ F ~ 15.0 μ F, 40/110/56/B 证书号(Certificate No.): 40021937 |
| ● | | UL/CUL (美国/加拿大) | UL 60384-14:2009, CSA E60384-14:09, X1, 330Vac, 0.0010 μ F ~ 15.0 μ F, 40/110/56/B 证书号(File No.): E186600, CCN: FOWX2/8 |

■ 技术要求 Specifications

| | | | |
|----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------|
| 电容器类别 Class | X1 类 | | |
| 气候类别 / 阻燃等级 Climatic Category/Passive Flammability Category | 40/110/56/B | | |
| 工作温度范围 Operating Temperature Range | -40 $^{\circ}$ C ~ +110 $^{\circ}$ C | | |
| 额定电压 Rated Voltage | 330Vac, 50/60Hz | | |
| 最大连续直流电压 Maximum continuous DC voltage | 760 Vdc | | |
| 电容量范围 Capacitance Range | 0.010 μ F ~ 15.0 μ F | | |
| 电容量偏差 Capacitance Tolerance | $\pm 10\%$ (K), $\pm 20\%$ (M) | | |
| 耐电压 Voltage Proof | 引线之间 Between Terminals: | 2 500 (Vdc) (2s) | |
| | 极壳之间 Between Terminals To Case: | 2 160 (Vac) (1min) | |
| 绝缘电阻 Insulation Resistance | R $\geq 15\ 000\ \text{M}\Omega$, $C_N \leq 0.33\ \mu\text{F}$ R $C_N \geq 5\ 000\ \text{s}$, $C_N > 0.33\ \mu\text{F}$ (20 $^{\circ}$ C, 100V, 1min) | | |
| 损耗角正切 Dissipation Factor | 0.01 μ F < $C_N \leq 0.47\ \mu\text{F}$ | $\leq 15 \times 10^{-4}$ (1kHz, 20 $^{\circ}$ C) | $\leq 30 \times 10^{-4}$ (10kHz, 20 $^{\circ}$ C) |
| | 0.47 μ F < $C_N \leq 1.0\ \mu\text{F}$ | $\leq 20 \times 10^{-4}$ (1kHz, 20 $^{\circ}$ C) | $\leq 40 \times 10^{-4}$ (10kHz, 20 $^{\circ}$ C) |
| | 1.0 μ F < $C_N \leq 15.0\ \mu\text{F}$ | $\leq 30 \times 10^{-4}$ (1kHz, 20 $^{\circ}$ C) | ----- |

产品编码说明 Part number system

■ 18位产品代码如下:

The 18 digits part number is formed as follow:

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| C | 4 | 4 | | | | | | | | | | | | | | | |

| | | | |
|---------|----------------------------------------|----------------|-------------------------------------------------|
| 第1~3位 | 型号代码 | Digit 1 to 3 | Series code |
| | C44=MKP64 | | C44=MKP64 |
| 第4~5位 | 交流额定电压 | Digit 4 to 5 | AC rated voltage |
| | R1=330V | | R1=330V |
| 第6~8位 | 标称容量 | Digit 6 to 8 | Rated capacitance value |
| | 举例: 103=10 × 10 ³ pF=0.01μF | | For example: 103=10 × 10 ³ pF=0.01μF |
| 第9位 | 容量偏差 | Digit 9 | Capacitance tolerance |
| | K= ± 10%, M= ± 20% | | K= ± 10%, M= ± 20% |
| 第10位 | 引线脚距P | Digit 10 | Pitch |
| | 4=10.0mm 6=15.0mm 9=22.5mm | | 4=10.0mm 6=15.0mm 9=22.5mm |
| | B=27.5mm F=37.5mm M=52.5mm | | B=27.5mm F=37.5mm M=52.5mm |
| 第11位 | 内部特征码 | Digit 11 | Internal use |
| 第12~15位 | 引线加工和包装代码 | Digit 12 to 15 | Lead form and packaging code |
| 第16~18位 | 内部特征码 | Digit 16 to 18 | Internal use |

■ Table 1 引线加工和包装代码 lead form and packaging code

| 第 12 位 Digit 12 | | 第 13 位 Digit 13 | | 第 14 位 Digit 14 | | 第 15 位 Digit 15 | |
|-----------------|---------------------------------------------------|-----------------|---------------------------------------------|-----------------|------------------|-----------------|-----------------------------------------------------------------------------------|
| 代码 Code | 说明 explanation | 代码 Code | 说明 explanation | 代码 Code | 说明 explanation | 代码 Code | 说明 explanation |
| A | 弹带包装 ammo-pack | 4 6 | F=10.0mm F=15.0mm | 0 | 表示直脚 straight | 5 | P3=25.4mm, H=18.5mm (For pitch=10.0/15.0mm) (Detail parameter refer to pag 17) |
| C | 直脚 straight lead "C" in the figure above | 代码 Code | 说明 explanation | | | 0 | 引线长度偏差 ±0.5mm 或标准长度 Length tolerance ±0.5mm Or standard length |
| | | 00 | 标准的引线长度 (18mm~26mm) standard lead length | | | | |
| | | 45 | 引线长度 4.5mm lead length 4.5mm | | | | |
| T 3 | P1= 20.3mm ± 0.5mm P1= 20mm ± 0.5mm | 45 | 引线长度 4.5mm lead length 4.5mm | | | 0 | 引线长度偏差 ±0.5mm 或标准长度 Length tolerance ±0.5mm Or standard length |
| | | 55 | 引线长度 5.5mm lead length 5.5mm | | | | |

