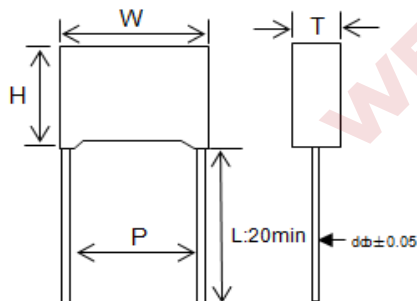


W44 MKP64 series

金属化聚丙烯膜抗干扰电容器 (X1 类, 330Vac)

Metallized polypropylene film interference suppression capacitor(class X1,310Vac)

■ 外形图 Outline Drawing



■ 特点

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

■ Features

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

■ 技术要求 Specifications

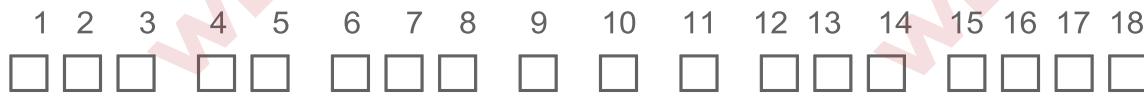
电容器类别 class	X1 类		
气候类别/阻燃等级 Climatic Category/Passive Flammability Class	40/110/56/B		
工作温度范围 Operating temperature	-40℃ ~ +110℃		
额定电压 Rated Voltage	330Vac/760Vdc , 50/60Hz		
适应电压场合 Mains voltage applied to	适用于电源电压不超过 250Vac 50/60Hz 的场合 Mains voltage can't be higher than 250Vac 50/60Hz		
电容量范围 Capacitance Range	0.010 μF ~ 15.0μF		
电容量偏差 Capacitance Tolerance	±10% (K), ±20% (M)		
耐电压 Voltage Proof	引线之间 Between Terminals:	2 500Vdc(2s)	
	极壳之间 Between Terminals To Case:	2 160Vac (1min)	
损耗角正切 Dissipation Factor	0.010μF<C _N ≤0.47μF	≤15×10 ⁻⁴ (1kHz,20℃)	≤30×10 ⁻⁴ (10kHz,20℃)
	0.47μF<C _N ≤1.0μF	≤20×10 ⁻⁴ (1kHz,20℃)	≤40×10 ⁻⁴ (10kHz,20℃)
	1.0μF<C _N ≤15.0μF	≤30×10 ⁻⁴ (1kHz,20℃)	-----
绝缘电阻 Insulation Resistance	R ≥ 15 000MΩ , RC _N ≥ 5 000s,	C _N ≤ 0.33μF C _N > 0.33μF	(20℃, 100V, 1min)

W44 MKP64 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 4

第 1~3 位：型号代码

W44=MKP64

第 4~5 位：交流额定电压

R1=330V

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

K=10mm M=15mm P=22mm

S=27mm X=37mm 4=52.5mm

第 11 位：引线线径

6= CP 0.6mm 8= CP 0.8mm

C= CP 1.0mm D= CP 1.2mm

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

W44=MKP64

Digit 4 to 5: AC rated voltage

R1=330V

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

K=10mm M=15mm P=22mm

S=27mm X=37mm 4=52.5mm

Digit 11: Lead Wire diameter

6= CP 0.6mm 8= CP 0.8mm

C= CP 1.0mm D= CP 1.2mm

Digit 12: Lead form and packaging code

L= straight lead K= Lead kinked

T= ammo-pack

Digit 13 to 18: Internal use

W44 MKP64 series

■ 外形尺寸 Dimensions (mm)

330Vac						
Cn (μ F)	W max	H max	T max	P	d	Part number
0.010	13.0	9.0	4.0	10.0	0.6	W44R1103-K6*****
0.012	13.0	9.0	4.0	10.0	0.6	W44R1123-K6*****
0.015	13.0	9.0	4.0	10.0	0.6	W44R1153-K6*****
0.018	13.0	11.0	5.0	10.0	0.6	W44R1183-K6*****
0.022	13.0	11.0	5.0	10.0	0.6	W44R1223-K6*****
0.027	13.0	11.0	5.0	10.0	0.6	W44R1273-K6*****
0.033	13.0	11.0	5.0	10.0	0.6	W44R1333-K6*****
0.039	13.0	12.0	6.0	10.0	0.6	W44R1393-K6*****
0.047	13.0	12.0	6.0	10.0	0.6	W44R1473-K6*****
0.056	13.0	13.0	7.0	10.0	0.6	W44R1563-K6*****
0.068	13.0	14.0	8.0	10.0	0.6	W44R1683-K6*****
0.010	18.0	9.5	5.0	15.0	0.6	W44R1103-M6*****
0.012	18.0	9.5	5.0	15.0	0.6	W44R1123-M6*****
0.015	18.0	9.5	5.0	15.0	0.6	W44R1153-M6*****
0.018	18.0	9.5	5.0	15.0	0.6	W44R1183-M6*****
0.022	18.0	9.5	5.0	15.0	0.6	W44R1223-M6*****
0.027	18.0	9.5	5.0	15.0	0.6	W44R1273-M6*****
0.033	18.0	9.5	5.0	15.0	0.6	W44R1333-M6*****
0.039	18.0	9.5	5.0	15.0	0.6	W44R1393-M6*****
0.047	18.0	11.0	5.0	15.0	0.6	W44R1473-M6*****
0.056	18.0	11.0	5.0	15.0	0.6	W44R1563-M6*****
0.068	18.0	12.0	6.0	15.0	0.6	W44R1683-M6*****
0.082	18.0	12.0	6.0	15.0	0.6	W44R1823-M6*****
0.10	18.0	12.0	7.0	15.0	0.6	W44R1104-M6*****
0.10	18.0	17.5	6.0	15.0	0.6	W44R1104-M6*****
0.12	18.0	13.5	7.5	15.0	0.6	W44R1124-M6*****
0.12	18.0	17.5	6.0	15.0	0.6	W44R1124-M6*****
0.12M	18.0	12.5	9.0	15.0	0.6	W44R1124-M6*****
0.15M	18.0	13.5	7.5	15.0	0.6	W44R1154-M6*****
0.15K	18.0	14.0	8.0	15.0	0.8	W44R1154-M8*****
0.15K	18.0	18.5	7.5	15.0	0.8	W44R1154-M8*****
0.15	18.0	12.0	13.0	15.0	0.8	W44R1154-M8*****
0.18	18.0	14.5	8.5	15.0	0.6	W44R1184-M6*****
0.18	18.0	18.5	7.5	15.0	0.8	W44R1184-M8*****
0.22M	18.0	14.5	8.5	15.0	0.6	W44R1224-M6*****
0.22	18.0	16.0	10.0	15.0	0.8	W44R1224-M8*****
0.27	18.0	19.0	11.0	15.0	0.8	W44R1274-M8*****
0.33	18.0	19.0	11.0	15.0	0.8	W44R1334-M8*****
0.039	26.5	15.0	6.0	22.0	0.8	W44R1393-P8*****
0.047	26.5	15.0	6.0	22.0	0.8	W44R1473-P8*****
0.056	26.5	15.0	6.0	22.0	0.8	W44R1563-P8*****
0.068	26.5	15.0	6.0	22.0	0.8	W44R1683-P8*****

330Vac						
Cn (μ F)	W max	H max	T max	P	d	Part number
0.082	26.5	15.0	6.0	22.0	0.8	W44R1823-P8*****
0.10	26.5	15.0	6.0	22.0	0.8	W44R1104-P8*****
0.12	26.5	15.0	6.0	22.0	0.8	W44R1124-P8*****
0.15	26.5	15.0	6.0	22.0	0.8	W44R1154-P8*****
0.18	26.5	15.0	6.0	22.0	0.8	W44R1184-P8*****
0.22M	26.5	15.0	6.0	22.0	0.8	W44R1224-P8*****
0.22K	26.5	16.0	7.0	22.0	0.8	W44R1224-P8*****
0.27	26.5	16.0	7.0	22.0	0.8	W44R1274-P8*****
0.33	26.5	17.0	8.5	22.0	0.8	W44R1334-P8*****
0.39M	26.5	17.0	8.5	22.0	0.8	W44R1394-P8*****
0.39K	26.5	18.5	10.0	22.0	0.8	W44R1394-P8*****
0.47	26.5	18.5	10.0	22.0	0.8	W44R1474-P8*****
0.56	26.5	20.0	11.0	22.0	0.8	W44R1564-P8*****
0.68	26.5	22.0	12.0	22.0	0.8	W44R1684-P8*****
0.82M	26.5	22.0	12.0	22.0	0.8	W44R1824-P8*****
0.82K	26.5	23.0	13.5	22.0	0.8	W44R1824-P8*****
1.0	26.5	24.5	15.5	22.0	0.8	W44R1105-P8*****
1.2M	26.5	24.5	15.5	22.0	0.8	W44R1125-P8*****
1.2	26.5	29.5	14.5	22.0	0.8	W44R1125-P8*****
0.15	32.0	18.0	9.0	27.0	0.8	W44R1154-S8*****
0.18	32.0	18.0	9.0	27.0	0.8	W44R1184-S8*****
0.22	32.0	18.0	9.0	27.0	0.8	W44R1224-S8*****
0.27	32.0	18.0	9.0	27.0	0.8	W44R1274-S8*****
0.33	32.0	18.0	9.0	27.0	0.8	W44R1334-S8*****
0.39	32.0	18.0	9.0	27.0	0.8	W44R1394-S8*****
0.47	32.0	18.0	9.0	27.0	0.8	W44R1474-S8*****
0.47	32.0	12.0	18.0	27.0	0.8	W44R1474-S8*****
0.56M	32.0	18.0	9.0	27.0	0.8	W44R1564-S8*****
0.56K	32.0	20.0	11.0	27.0	0.8	W44R1564-S8*****
0.68	32.0	20.0	11.0	27.0	0.8	W44R1684-S8*****
0.68	32.0	12.0	22.0	27.0	0.8	W44R1684-S8*****
0.82	32.0	20.0	11.0	27.0	0.8	W44R1824-S8*****
1.0M	32.0	12.0	22.0	27.0	0.8	W44R1105-S8*****
1.0M	32.0	22.0	13.0	27.0	0.8	W44R1105-S8*****
1.0K	32.0	25.0	13.0	27.0	0.8	W44R1105-S8*****
1.2	32.0	24.5	15.0	27.0	0.8	W44R1125-S8*****
1.2	32.0	28.0	14.0	27.0	0.8	W44R1125-S8*****
1.5	32.0	24.5	15.0	27.0	0.8	W44R1155-S8*****
1.5	32.0	28.0	14.0	27.0	0.8	W44R1155-S8*****
1.5	32.0	16.0	27.5	27.0	0.8	W44R1155-S8*****
1.8	32.0	28.0	17.0	27.0	0.8	W44R1185-S8*****
1.8	32.0	30.0	16.0	27.0	0.8	W44R1185-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

3. 不用于与电源串联场合,与电源串联用电容器请参见电容降压专用电容器。

Not for use in series with the mains, the capacitors for series with the mains, please refer AC capacitors for capacitive divider

W44 MKP64 series

■ 外形尺寸 Dimensions (mm)

330Vac						
Cn (μ F)	W max	H max	T max	P	d	Part number
2.2M	32.0	28.0	17.0	27.0	0.8	W44R1225-S8*****
2.2	32.0	29.0	19.0	27.0	0.8	W44R1225-S8*****
2.2	32.0	18.5	31.0	27.0	0.8	W44R1225-S8*****
2.2	32.0	33.0	18.0	27.0	0.8	W44R1225-S8*****
2.7	32.0	37.0	22.0	27.0	0.8	W44R1275-S8*****
3.3	32.0	37.0	22.0	27.0	0.8	W44R1335-S8*****
0.33	41.0	22.0	11.0	37.0	1.0	W44R1334-XC*****
0.39	41.0	22.0	11.0	37.0	1.0	W44R1394-XC*****
0.47	41.0	22.0	11.0	37.0	1.0	W44R1474-XC*****
0.56	41.0	22.0	11.0	37.0	1.0	W44R1564-XC*****
0.68	41.0	22.0	11.0	37.0	1.0	W44R1684-XC*****
0.82	41.0	22.0	11.0	37.0	1.0	W44R1824-XC*****
1.0	41.0	22.0	11.0	37.0	1.0	W44R1105-XC*****
1.0	42.0	15.0	24.0	37.0	1.0	W44R1105-XC*****
1.2M	41.0	22.0	11.0	37.0	1.0	W44R1125-XC*****
1.2K	41.0	24.0	13.0	37.0	1.0	W44R1125-XC*****
1.5	41.0	24.0	13.0	37.0	1.0	W44R1155-XC*****
1.5	41.0	26.0	12.0	37.0	1.0	W44R1155-XC*****
1.5	42.0	15.0	24.0	37.0	1.0	W44R1155-XC*****
1.8	41.0	26.0	15.0	37.0	1.0	W44R1185-XC*****
2.2M	41.0	26.0	15.0	37.0	1.0	W44R1225-XC*****
2.2M	42.0	28.0	14.0	37.0	1.0	W44R1225-XC*****
2.2K	41.0	30.0	16.0	37.0	1.0	W44R1225-XC*****
2.2	41.0	19.0	24.0	37.0	1.0	W44R1225-XC*****
2.7	41.0	32.0	17.0	37.0	1.0	W44R1275-XC*****
3.3M	41.0	20.0	26.0	37.0	1.0	W44R1335-XC*****
3.3	41.0	33.5	18.5	37.0	1.0	W44R1335-XC*****
3.9	41.0	37.0	22.0	37.0	1.0	W44R1395-XC*****
4.7M	42.0	24.0	32.0	37.0	1.0	W44R1475-XC*****
4.7	41.0	37.0	22.0	37.0	1.0	W44R1475-XC*****
5.6	41.0	41.0	26.0	37.0	1.0	W44R1565-XC*****
6.8M	41.0	41.0	26.0	37.0	1.0	W44R1685-XC*****
6.8K	41.0	43.0	28.0	37.0	1.0	W44R1685-XC*****
8.2	42.0	45.0	30.0	37.0	1.0	W44R1825-XC*****
8.2	57.0	45.0	30.0	52.5	1.2	W44R1825-4D*****
10.0	57.0	45.0	30.0	52.5	1.2	W44R1106-4D*****
12.0	57.0	45.0	30.0	52.5	1.2	W44R1126-4D*****
15.0	57.0	50.0	35.0	52.5	1.2	W44R1156-4D*****

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

3. 不用于与电源串联场合, 与电源串联用电容器请参见电容降压专用电容器。

Not for use in series with the mains, the capacitors for series with the mains, please refer AC capacitors for capacitive divider