

MKT61

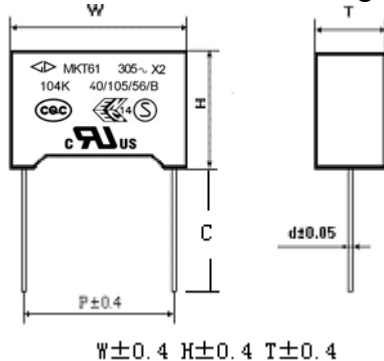
Code: C26

金属化聚酯膜抗干扰电容器 (X2 类, THB 防潮系列)

Metallized polyester film interference suppression capacitor

(Class X2, Temperature Humidity Bias (THB) series)

外形图 Outline Drawing



特点

- 金属化聚酯膜内串式结构
- 在严苛的环境下(如高湿高温)长期应用容量稳定性优异
- 优异的阻燃性能
- 广泛用于电源串联连接和阻容降压场合例如: 电表, LED 供电模块等。

Features

- Metallized polyester with series construction
- High stability of capacitance under severe ambient condition, such as high humidity and high temperature
- Excellent active and passive flame resistant abilities
- For connection in series with the mains and capacitive divider power supply, such as energy meter, LED driver etc.

安全认证 Safety Approvals

●		CQC (中国)	GB/T 14472-1998, X2, 305Vac, 0.01μF~2.2μF, 40/105/56/B 证书号(Certificate No.): CQC03001002873
●		ENEC-SEMKO (欧盟)	EN 60384-14:2005, X2, 305Vac, 0.01μF~2.2μF, 40/105/56/B 证书号(Certificate No.): SE/0365-5, Test Report No.: STIEP-2470
●		UL-CUL (美国/加拿大)	UL60384-14:2009, CSA E60384-14:09, X2, 305Vac, 0.01μF~2.2μF, 40/105/56/B 证书号(File No.): E186600, CCN: FOWX2/8

技术要求 Specifications

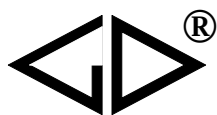
电容器类别 Class	X2 类		
气候类别/阻燃等级 Climatic Category/Passive Flammability Category	40/105/56/B		
工作温度范围 Operating Temperature Range	-40℃ ~ +105℃		
额定电压 Rated Voltage	305Vac, 50/60Hz		
最大连续直流电压 Maximum continuous DC voltage	560Vdc		
电容量范围 Capacitance Range	0.01μF ~ 2.2μF		
电容量偏差 Capacitance Tolerance	±10%(K), ±20%(M)		
耐电压 Voltage Proof	引线之间 Between Terminals	1 800Vdc (2s)	
	极壳之间 Between Terminals To Case	2 120Vac (1min)	
绝缘电阻 Insulation Resistance	R≥15 000MΩ , C _N ≤0.33μF (20℃, 100V ,1min) RC _N ≥5 000s, C _N >0.33μF		
损耗角正切 Dissipation Factor	0.010μF≤C _R ≤1.0μF	≤80×10 ⁻⁴ (1kHz,20℃)	≤150×10 ⁻⁴ (10kHz,20℃)
	1.0μF<C _R	≤80×10 ⁻⁴ (1kHz,20℃)	-----
耐湿负荷测试 THB test (Damp heat test with loading)	Temperature: 85℃±2℃; Humidity: 85%RH±2% RH Voltage: 240Vac, 50Hz; Duration: 1 000h		
	Capacitance change (ΔC/C): ≤10% Dissipation factor change (Δtg δ): ≤0.5% (1kHz) Insulation resistance: ≥50% of initial value		

■ 18 位产品代码如下:

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

第 1~3 位	型号代码 C26=MKT61	Digit 1 to 3	Series code C26=MKT61
第 4~5 位	交流额定电压 Q2=305V P2=275V	Digit 4 to 5	AC rated voltage Q2=305V P2=275V
第 6~8 位	标称容量 举例：103=10×10 ³ pF=0.01μF	Digit 6 to 8	Rated capacitance value For example : 103=10×10 ³ pF=0.01μF
第 9 位	容量偏差 K=±10%, M=±20%	Digit 9	Capacitance tolerance K=±10%, M=±20%
第 10 位	引线脚距 P 4=10.0mm 6=15.0mm 9=22.5mm B=27.5mm F=37.5mm	Digit 10	Pitch 4=10.0mm 6=15.0mm 9=22.5mm B=27.5mm F=37.5mm
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

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	3	F=7.5mm	0	表示直脚 straight	1	产品在连续的两个载带孔之间 each cap. among two consecutive holes P3=12.7mm,H=18.5mm (For pitch=7.5mm)
		4 6	F=10.0mm F=15.0mm			5	P3=25.4mm;H=18.5mm(For pitch=10.0/15.0mm) (Detail parameter refer to catalogue 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				
D	软绝缘线（多股） Insulated stranded leads	C5 K0 K2 L0	35mm 100mm 120mm 200mm 备注：这里的长度包含剥线长度 Note: This length includes the stripping parts.		1	引线长度偏差-5~0 Length tolerance -5 mm~0 mm	
E	硬绝缘线（单股） Insulated solid leads						
M	软绝缘线（多股）， 外壳带正底安装耳 Insulated stranded leads Box with mounting foot						



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■ 外形尺寸 Dimensions(mm)

305Vac						
C _N (μF)	W ±0.4	H ±0.4	T ±0.4	P ±0.4	d ±0.05	Part Number
0.010	13.0	9.0	4.0	10.0	0.6	C26Q2103-40*****++
0.012	13.0	9.0	4.0	10.0	0.6	C26Q2123-40*****++
0.015	13.0	9.0	4.0	10.0	0.6	C26Q2153-40*****++
0.018	13.0	11.0	5.0	10.0	0.6	C26Q2183-40*****++
0.022	13.0	9.0	4.0	10.0	0.6	C26Q2223-4S*****++
0.027	13.0	11.0	5.0	10.0	0.6	C26Q2273-4S*****++
0.033	13.0	11.0	5.0	10.0	0.6	C26Q2333-4S*****++
0.039	13.0	11.0	5.0	10.0	0.6	C26Q2393-4S*****++
0.047	13.0	11.0	5.0	10.0	0.6	C26Q2473-4S*****++
0.056	13.0	12.0	6.0	10.0	0.6	C26Q2563-4S*****++
0.068	13.0	12.0	6.0	10.0	0.6	C26Q2683-4S*****++
0.082	13.0	13.0	7.0	10.0	0.6	C26Q2823-4S*****++
0.10	13.0	14.0	8.0	10.0	0.6	C26Q2104-4S*****++
0.010	17.5	9.5	5.0	15.0	0.6	C26Q2103-60*****++
0.012	17.5	9.5	5.0	15.0	0.6	C26Q2123-60*****++
0.015	17.5	9.5	5.0	15.0	0.6	C26Q2153-60*****++
0.018	17.5	9.5	5.0	15.0	0.6	C26Q2183-60*****++
0.022	17.5	9.5	5.0	15.0	0.6	C26Q2223-60*****++
0.027	17.5	9.5	5.0	15.0	0.6	C26Q2273-60*****++
0.033	17.5	9.5	5.0	15.0	0.6	C26Q2333-60*****++
0.039	17.5	9.5	5.0	15.0	0.6	C26Q2393-6S*****++
0.047	17.5	9.5	5.0	15.0	0.6	C26Q2473-6S*****++
0.056	17.5	9.5	5.0	15.0	0.6	C26Q2563-6S*****++
0.068	17.5	11.0	5.0	15.0	0.6	C26Q2683-6S*****++
0.082	17.5	11.0	5.0	15.0	0.6	C26Q2823-6S*****++
0.10	17.5	12.0	6.0	15.0	0.6	C26Q2104-6S*****++
0.12	17.5	12.0	6.0	15.0	0.6	C26Q2124-6S*****++
0.15	17.5	13.5	7.5	15.0	0.6	C26Q2154-6S*****++
0.18	17.5	13.5	7.5	15.0	0.6	C26Q2184-6S*****++
0.22	17.5	14.5	8.5	15.0	0.6	C26Q2224-6S*****++
0.27	17.5	16.0	10.0	15.0	0.8	C26Q2274-6S*****++
0.33	17.5	16.0	10.0	15.0	0.8	C26Q2334-6S*****++
0.39M	17.5	16.0	10.0	15.0	0.8	C26Q2394M6S*****++
0.39K	17.5	19.0	11.0	15.0	0.8	C26Q2394K6S*****++
0.47M	17.5	19.0	11.0	15.0	0.8	C26Q2474M6S*****++

305Vac						
C _N (μF)	W ±0.4	H ±0.4	T ±0.4	P ±0.4	d ±0.05	Part Number
0.10	26.5	15.0	6.0	22.5	0.8	C26Q2104-90*****++
0.12	26.5	15.0	6.0	22.5	0.8	C26Q2124-90*****++
0.15	26.5	15.0	6.0	22.5	0.8	C26Q2154-9S*****++
0.18	26.5	15.0	6.0	22.5	0.8	C26Q2184-9S*****++
0.22	26.5	15.0	6.0	22.5	0.8	C26Q2224-9S*****++
0.27	26.5	16.0	7.0	22.5	0.8	C26Q2274-9S*****++
0.33	26.5	16.0	7.0	22.5	0.8	C26Q2334-9S*****++
0.39	26.5	17.0	8.5	22.5	0.8	C26Q2394-9S*****++
0.47	26.5	17.0	8.5	22.5	0.8	C26Q2474-9S*****++
0.56	26.5	18.5	10.0	22.5	0.8	C26Q2564-9S*****++
0.68	26.5	18.5	10.0	22.5	0.8	C26Q2684-9S*****++
0.82	26.5	20.0	11.0	22.5	0.8	C26Q2824-9S*****++
1.0	26.5	22.0	12.0	22.5	0.8	C26Q2105-9S*****++
1.2	26.5	23.0	13.5	22.5	0.8	C26Q2125-9S*****++
1.5	26.5	24.5	15.5	22.5	0.8	C26Q2155-9S*****++
1.5	26.5	29.5	14.5	22.5	0.8	C26Q2155-9A*****++
0.39	32.0	18.0	9.0	27.5	0.8	C26Q2394-B0*****++
0.47	32.0	18.0	9.0	27.5	0.8	C26Q2474-B0*****++
0.56	32.0	18.0	9.0	27.5	0.8	C26Q2564-BS*****++
0.68	32.0	18.0	9.0	27.5	0.8	C26Q2684-BS*****++
0.82	32.0	20.0	11.0	27.5	0.8	C26Q2824-BS*****++
1.0	32.0	20.0	11.0	27.5	0.8	C26Q2105-BS*****++
1.2	32.0	22.0	13.0	27.5	0.8	C26Q2125-BS*****++
1.5M	32.0	22.0	13.0	27.5	0.8	C26Q2155MBS*****++
1.5K	32.0	25.0	13.0	27.5	0.8	C26Q2155KBS*****++
1.8	32.0	28.0	14.0	27.5	0.8	C26Q2185-BS*****++
2.2	32.0	28.0	14.0	27.5	0.8	C26Q2225-BS*****++
2.2	32.0	24.5	15.0	27.5	0.8	C26Q2225-BA*****++
1.0	41.0	22.0	11.0	37.5	1.0	C26Q2105-FS*****++
1.2	41.0	22.0	11.0	37.5	1.0	C26Q2125-FS*****++
1.5	41.0	24.0	13.0	37.5	1.0	C26Q2155-FS*****++
1.8	41.0	24.0	13.0	37.5	1.0	C26Q2185-FS*****++
2.2	42.0	28.0	14.0	37.5	1.0	C26Q2225-FS*****++
2.2	41.0	26.0	15.0	37.5	1.0	C26Q2225-FA*****++

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

2. “****”表示引线加工和包装代码（见 table 1）。 “****”=lead form and packing code（refer to table 1）