

■ General Technical Characteristics 一般特性

Metallized polypropylene film
金属化聚丙烯膜
High stability of capacitance under severe ambient condition, such as high humidity and high temperature
在严苛的环境下(如高湿高温)长期应用, 容量稳定性优异
Excellent active and passive flame resistant abilities
优异的阻燃性能

■ Typical Applications 典型应用

For connection in series with the mains and capacitive divider power supply, such as energy meter, LED driver, etc.
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。

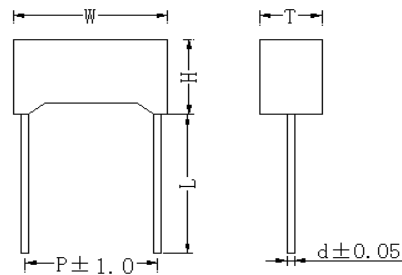
■ Safety Approval 安全认证

UL, VDE, ENEC, CQC

■ Electrical Characteristics 电气特性

Reference Standard 引用标准: IEC60384-14
Climatic Category 气候类别: 40/110/56/B
Operating Temperature Range: -40°C ~ +110°C
工作温度范围:
Rated Voltage 额定电压: 310VAC, 50/60Hz
Capacitance Range 电容量范围: 0.001μF ~ 4.7μF
Capacitance Tolerance 电容量偏差: ±10%(K), ±20%(M)
Voltage Proof 耐电压: Between Terminals: $4.3U_R(VDC)/(60S)$
Between Terminals to Case: 2120VAC (60S)
Dissipation Factor 损耗角正切: ≤0.1%max Measured at 1KHz and 25°C
Insulation Resistance 绝缘电阻: ≥15 000MΩ, for $C_N \leq 0.33\mu F$
≥5 000s, for $C_N > 0.33\mu F$ Measured at 20°C, 100V and 1 min.
THB test (Damp heat test with loading) Temperature: 85±2°C; Humidity: 85±2% RH
耐湿负荷测试: Loading Voltage: 240VAC(50Hz/60Hz); Duration: 500 hours
Capacitance change: ($\Delta C/C$) ≤10%; $\Delta DF \leq 0.5\%$ (1KHz); IR≥50%

■ Outline Drawing 外形图 (Unit: mm)



■ Part Number System 产品编码说明

K3T	Q2	103	K	F	L	0	20	***
型号代码 Series Code:	额定电压 Voltage:	标称容量 Capacitance:	容量偏差 Cap. Tol.:	引线脚距 P Lead Space:	引线加工/包装代码 Lead form and packaging code:	引线加工脚距 Lead form F:	引线长度 Lead length:	内部编码 Internal code
K3T: X2-ATH Series	Q3=310VAC	103: 0.01μF 104: 0.1μF	K: ±10% M: ±20%	F: 10.0mm H: 15.0mm J: 22.5mm L: 27.5mm O: 37.5mm	D: insulated stranded leads E: insulated solid leads L: straight lead K: kinked lead T: ammo-pack	0: none E: 7.5mm F: 10.0mm H: 15.0mm	05: 5mm 20: 20mm	

■ Electrical Specification & Part Numbers Reference 规格型号参考

Cap. (μ F)	310VAC (mm)					Part Number
	W	H	T	P	d	
0.010	13.0	9.0	4.0	10.0	0.6	K3TQ3103*****
0.012	13.0	9.0	4.0	10.0	0.6	K3TQ3123*****
0.015	13.0	9.0	4.0	10.0	0.6	K3TQ3153*****
0.018	13.0	9.0	4.0	10.0	0.6	K3TQ3183*****
0.022	13.0	9.0	4.0	10.0	0.6	K3TQ3223*****
0.027	13.0	11.0	5.0	10.0	0.6	K3TQ3273*****
0.033	13.0	11.0	5.0	10.0	0.6	K3TQ3333*****
0.039	13.0	11.0	5.0	10.0	0.6	K3TQ3393*****
0.047	13.0	11.0	5.0	10.0	0.6	K3TQ3473*****
0.056	13.0	12.0	6.0	10.0	0.6	K3TQ3563*****
0.068	13.0	12.0	6.0	10.0	0.6	K3TQ3683*****
0.082	13.0	13.0	7.0	10.0	0.6	K3TQ3823*****
0.10	13.0	14.0	8.0	10.0	0.6	K3TQ3104*****
0.010	17.5	9.5	5.0	15.0	0.6	K3TQ3103*****
0.012	17.5	9.5	5.0	15.0	0.6	K3TQ3123*****
0.015	17.5	9.5	5.0	15.0	0.6	K3TQ3153*****
0.018	17.5	9.5	5.0	15.0	0.6	K3TQ3183*****
0.022	17.5	9.5	5.0	15.0	0.6	K3TQ3223*****
0.027	17.5	9.5	5.0	15.0	0.6	K3TQ3273*****
0.033	17.5	9.5	5.0	15.0	0.6	K3TQ3333*****
0.039	17.5	9.5	5.0	15.0	0.6	K3TQ3393*****
0.047	17.5	9.5	5.0	15.0	0.6	K3TQ3473*****
0.056	17.5	9.5	5.0	15.0	0.6	K3TQ3563*****
0.068	17.5	11.0	5.0	15.0	0.6	K3TQ3683*****
0.082	17.5	11.0	5.0	15.0	0.6	K3TQ3823*****
0.10	17.5	12.0	6.0	15.0	0.6	K3TQ3104*****
0.12	17.5	12.0	6.0	15.0	0.6	K3TQ3124*****
0.15	17.5	13.5	7.5	15.0	0.6	K3TQ3154*****
0.18	17.5	13.5	7.5	15.0	0.6	K3TQ3184*****
0.22	17.5	14.5	8.5	15.0	0.6	K3TQ3224*****
0.27	17.5	16.0	10.0	15.0	0.8	K3TQ3274*****
0.33	17.5	16.0	10.0	15.0	0.8	K3TQ3334*****
0.39	17.5	19.0	11.0	15.0	0.8	K3TQ3394*****
0.47	17.5	19.0	11.0	15.0	0.8	K3TQ3474*****

Cap. (μ F)	310VAC (mm)					Part Number
	W	H	T	P	d	
0.10	26.5	15.0	6.0	22.5	0.8	K3TQ3104*****
0.12	26.5	15.0	6.0	22.5	0.8	K3TQ3124*****
0.15	26.5	15.0	6.0	22.5	0.8	K3TQ3154*****
0.18	26.5	15.0	6.0	22.5	0.8	K3TQ3184*****
0.22	26.5	15.0	6.0	22.5	0.8	K3TQ3224*****
0.27	26.5	16.0	7.0	22.5	0.8	K3TQ3274*****
0.33	26.5	16.0	7.0	22.5	0.8	K3TQ3334*****
0.39	26.5	17.0	8.5	22.5	0.8	K3TQ3394*****
0.47	26.5	17.0	8.5	22.5	0.8	K3TQ3474*****
0.56	26.5	18.5	10.0	22.5	0.8	K3TQ3564*****
0.68	26.5	18.5	10.0	22.5	0.8	K3TQ3684*****
0.82	26.5	20.0	11.0	22.5	0.8	K3TQ3824*****
1.0	26.5	22.0	12.0	22.5	0.8	K3TQ3105*****
1.2	26.5	23.0	13.5	22.5	0.8	K3TQ3125*****
1.5	26.5	24.5	15.5	22.5	0.8	K3TQ3155*****
1.5	26.5	29.5	14.5	22.5	0.8	K3TQ3155*****
0.39	32.0	18.0	9.0	27.5	0.8	K3TQ3394*****
0.47	32.0	18.0	9.0	27.5	0.8	K3TQ3474*****
0.56	32.0	18.0	9.0	27.5	0.8	K3TQ3564*****
0.68	32.0	18.0	9.0	27.5	0.8	K3TQ3684*****
0.82	32.0	20.0	11.0	27.5	0.8	K3TQ3824*****
1.0	32.0	20.0	11.0	27.5	0.8	K3TQ3105*****
1.2	32.0	22.0	13.0	27.5	0.8	K3TQ3125*****
1.5	32.0	25.0	13.0	27.5	0.8	K3TQ3155*****
1.8	32.0	28.0	14.0	27.5	0.8	K3TQ3185*****
2.2	32.0	28.0	14.0	27.5	0.8	K3TQ3225*****
1.0	41.0	22.0	11.0	37.5	1.0	K3TQ3105*****
1.2	41.0	22.0	11.0	37.5	1.0	K3TQ3125*****
1.5	41.0	24.0	13.0	37.5	1.0	K3TQ3155*****
1.8	41.0	24.0	13.0	37.5	1.0	K3TQ3185*****
2.2	42.0	28.0	14.0	37.5	1.0	K3TQ3225*****
2.2	41.0	26.0	15.0	37.5	1.0	K3TQ3225*****

备注: 1. "*****" = Capacitance tolerance code, Pitch, Lead form and packaging code, Lead form, Lead length, Internal code.

"*****" 表示容量偏差, 引线脚距, 引线加工和包装代码, 引线加工脚距, 引线长度, 内部编码。

2. Customization for special specification and requirement is available.