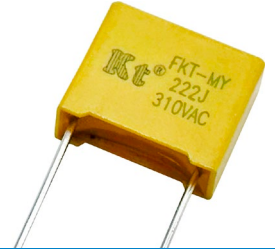


Kingtronics® FKT-MY

Y2 Metallized Polypropylene Film Capacitor

FEATURES

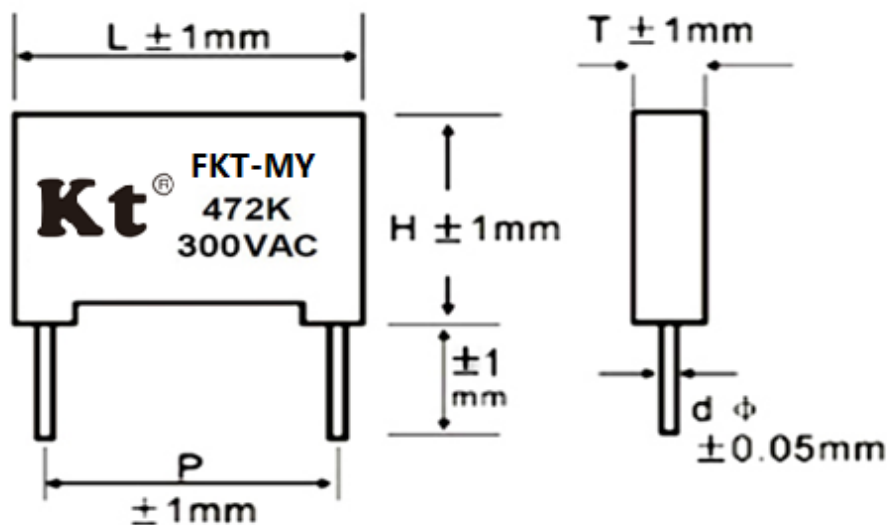
- ◆ Metallized polypropylene structure.
- ◆ Withstanding overvoltage stressing.
- ◆ Excellent active and passive flame resistant abilities.
- ◆ Widely used in line to ground, line-by-pass, antenna coupling interference suppression circuit, etc.



SPECIFICATIONS

Climatic Category	40/110/56
Operating Temperature	-40°C to +110°C
Permissible DC Voltage	2000VDC at 85°C
Permissible DC Voltage	1500VDC at 105°C
Rated Voltage	250VAC, 300VAC 50/60Hz
Capacitance Range	1500pF~0.82μF
Capacitance Tolerance	K: (±10%), M: (±20%)
Voltage Proof	Between two leads 3000(DC) (5S)
Voltage Applied Speed	300V/S
Dissipation Factor	0.0015uF≤CR≤0.33uF ≤0.1% (1kHz,20°C)
	0.33uF<CR≤0.82uF ≤0.2% (1kHz,20°C)
Insulation Resistance	≥15000MΩ; CR≤0.33μF
	≥5000S ; CR>0.33μF (20°C , 100V,1min)

DRAWING:



Kingtronics® International Company

Kingtronics®**FKT-MY**

Y2 Metallized Polypropylene Film Capacitor

Dimensions Table for 250V AC & 300V AC:

(Unit: mm)

CAP	L +/-1	H +/-1	T +/-1	P±1.0	d±0.05
0.0015	13	11	5	10	0.6
0.0022	13	12	6	10	0.6
0.0033	13	12	6	10	0.6
0.0047	13	12	6	10	0.6
0.0056	13	12	6	10	0.6
0.0068	13	12	6	10	0.6
0.0082	13	13	7	10	0.6
0.01	18	11	5	15	0.8
0.015	18	12	6	15	0.8
0.022	18	13.5	7.5	15	0.8
0.027	18	13.5	7.5	15	0.8
0.033	18	14.5	8.5	15	0.8
0.047	18	16	10	15	0.8
0.047	26.5	15	6	22.5	0.8
0.056	18	16	10.3	15	0.8
0.056	26.5	15	6	22.5	0.8
0.068	18	19	11	15	0.8
0.068	26.5	16.5	7	22.5	0.8
0.082	26.5	16.5	7	22.5	0.8
0.1	26.5	16.5	7	22.5	0.8
0.15	26.5	19	10	22.5	0.8
0.15	31.5	21.6	13	27.5	0.8
0.22	26	21.5	12	22.5	0.8
0.22	31.5	19.5	10.8	27.5	0.8
0.33	31.5	21.6	13	27.5	0.8
0.47	31	25	14	27.5	0.8
0.68	31.5	21.5	13	27.5	0.8
0.68	32	28	18	27.5	0.8
0.82	32	28	18	27.5	0.8

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Kingtronics®

FKT-MY

Y2 Metallized Polypropylene Film Capacitor

HOW TO ORDER

FKT	MY	E2	472	K	100	000	B	R
Series	Sub Series	Voltage	Capacitance	Capacitance Tolerance	Pitch	Lead Length	Packing	Pb
		1.	2.	3.	4.	5.	6.	7.

NOTE:

1. Voltage

Code	1H	1J	2A	2C	2D	2E	2G	2J	3A	3C	3D	3F
Voltage	50V	63V	100V	160V	200V	250V	400V	630V	1000V	1600V	2000V	3000V
Code	E2	P2	Q1	Q2	Q3	G2						
Voltage	250 VAC	275 VAC	300 VAC	305 VAC	310 VAC	400 VAC						

2. Capacitance

Code	102	103	104	105	106	222	223	224	225
Capacitance	1000pF	0.01 μ F	0.1 μ F	1 μ F	10 μ F	2200pF	0.022 μ F	0.22 μ F	2.2 μ F
Code	332	333	334	472	473	474	682	683	684
Capacitance	3300pF	0.033 μ F	0.33 μ F	4700pF	0.047 μ F	0.47 μ F	6800pF	0.068 μ F	0.68 μ F

3. Capacitance Tolerance

Code	J	K	M
Tolerance	\pm 5%	\pm 10%	\pm 20%

4. Pitch

Code	035	040	050	075	100	150	200	225	275
Pitch (mm)	3.5	4.0	5.0	7.5	10.0	15.0	20.0	22.5	27.5

5. Lead Length

Code	000	035	040	045	050
Lead Length	Standard	3.5	4.0	4.5	5.0

6. Packing

Code	A	B
Packing	Ammo	Bulk

7. Pb

Code	R
Pb	RoHS

Note: Specifications are subject to change without notice.

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