

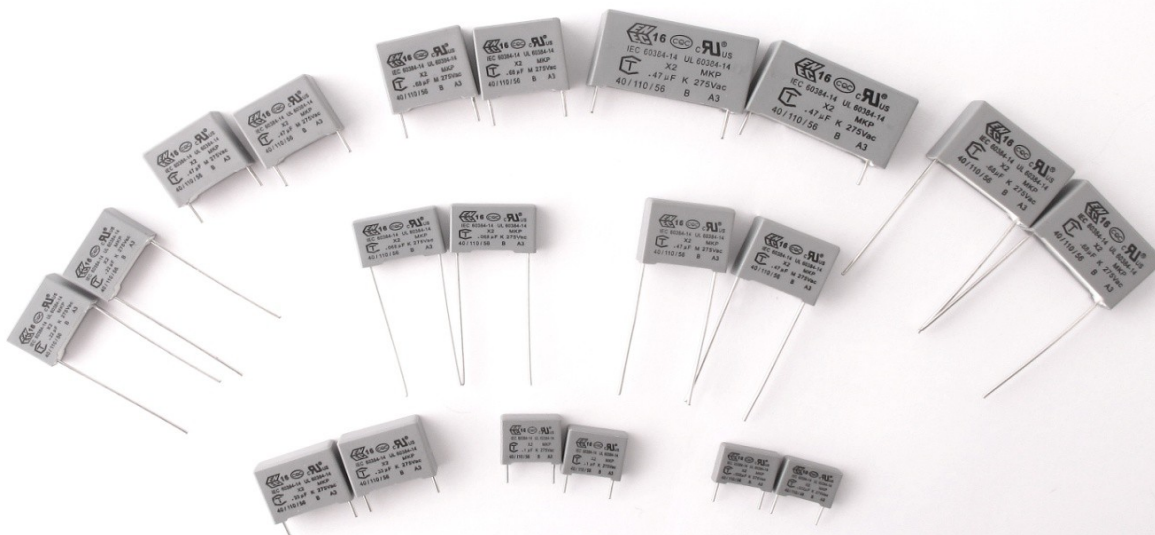


TeCap

X2MKP

X2MKP S_(series connection)

X2 Capacitor (Metallized Polypropylene Film Capacitor)



www.tecapkh.com

The Company

TeCap Electronic Incorporation is located in H.K., with 2 manufacturing plants in China and 1 in Taiwan, both of them ISO 9001 and ISO 14001 approved.

TeCap can provide a wide range of film capacitors manufactured with automatic machines, with a monthly production capability over 100 mill capacitors.

The Product range can cover polypropylene film capacitors both X2 and Y2 class, metallized polyester and power capacitors, box and axial style.

The development and production of TeCap capacitors is geared to technologically advanced field of applications where high reliability combined with large production volumes are essential.

The dynamic thrust of the modern electronic industry requires an highly reactive organization together with a product and service quality capable of meeting the customers requirement through the world.

TeCap mission is to fully satisfy above requirements in term of service, quality and competitiveness.

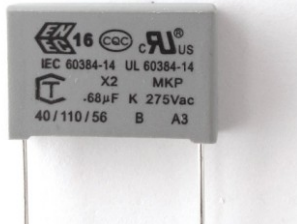
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www.tecaphk.com

TECAP International Co. Ltd. 2701 Hong Kong Plaza 186-196 Connaught Road, WEST, HONG KONG

X2 Capacitor (Metallized Polypropylene Film Capacitor)



single sided metallized
polypropylene film



APPLICATION:

Interference suppression and across the line.
Spark killer circuit.
EMI filters.
Switching power supply.

FEATURES:

Withstand overvoltage stressing.
Excellent flame resistant abilities.

GENERAL TECHNICAL DATA

Dielectric:	polypropylene film.
Metal Layer:	Zinc Alloy evaporation under vacuum.
Winding:	Non-inductive type.
Leads:	Tin-plated copper wire.
Plastic case:	PBT material with solven resistant & flame retardant according to UL94V0
Filling:	Epoxy Resin with flame retardant according to UL94V0.
Marking:	Company logo, capacitor type, capacitance, tolerance, capacitor class, rated voltage, approvals climatic category, passive flammability category, date code.

Operating temperature range: - 40 to +110°C

Climatic category: 40/110/56 IEC

Related documents: IEC-60384-14, EN 60384-14, GB/T14472
UL 60384-14, CSA E60384-14

ELECTRICAL CHARACTERISTICS

Capacitance range:	0.01uF ~ 10uF
Capacitance tolerances:	(measured at 1KHZ) ±10%(K); ±20%(M) upon request
Rated Voltage:	275Vac(50/60Hz)/ 560Vdc 310Vac(50/60Hz)/ 630Vdc
Dissipation Factor:	tg δ 10 ⁻⁴ at +25°C±5°C: ≤ 0.15 (6 typical) at 1 kHz
Insulation Resistance:	
Test conditions	
Temperature	25°C ±5°C
Voltage charge:	100 Vdc
Charge time	1 Min.
Performance	
C ≤ 0.33uF	≥1×10 ⁵ MΩ (typical value 5×10 ⁵ MΩ)
C > 0.33uF	≥30000 s (typical value 150000 s)
Test Voltage:	at 25°C ±5°C
(Between terminals)	1500VAC for 1 sec. or 2200VDC 1sec.

Rated voltage pulse slope Max dv/dt(V/us)at 390VDC

Pitch	10mm	15mm	22.5mm	27.5mm	37.5mm
dv/dt	500	400	200	150	100

RELIABILITY TEST METHOD & PERFORMANCE:

Damp heat steady state		Performance	
Test condition			
1st	Temperature: 40±2°C Relative humidity: 93%±2% Test duration: 56 days	Dielectric strength	No dielectric breakdown or flashover at 4.3xVr(d.c)/1 min.
2nd	Temperature: 60±2°C Relative humidity: 95%±2% Test duration: 500 hours	Capacitance change	≤5%
		Insulation resistance	≥50% of initial limit
Endurance		Performance	
Test condition			
	Temperature: 110±2°C Test duration: 1000 h Voltage applied: 1.25*VR+1000Vac 0.1S/h	Dielectric strength	No dielectric breakdown or flashover at 4.3xVr(d.c)/1 min.
		Capacitance change	≤10%
		Insulation resistance	≥50% of initial limit
Resistance to soldering heat		Performance	
Test condition			
	Solder bath temperature: 260±5°C Dipping time: 10s±1s	Capacitance change	≤2%

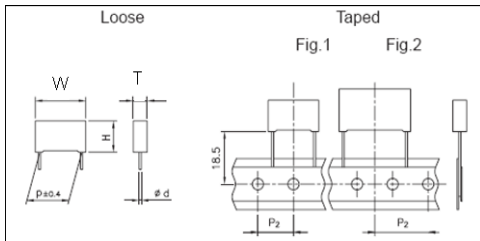


TeCap

X2MKP

X2 Capacitor (Metallized Polypropylene Film Capacitor)

Dimensions



Ød+0,05	p≤15	22,5 ≤ p ≤ 37,5
	0,6 or 0,8*	0,8

Pitch mm	Box thickness (T) mm	Maximum dimensions (mm)		
		Tmax	Hmax	Wmax
10,0	All	T+0,2	H+0,1	W+0,2
15,0	<7,5	T+0,2	H+0,1	W+0,3
15,0	>7,5	T+0,2	H+0,1	W+0,5
22,5	All	T+0,2	H+0,1	W+0,3
27,5	All	T+0,2	H+0,1	W+0,3

* See dimension table

All dimensions are in mm

Dimension Table (mm)

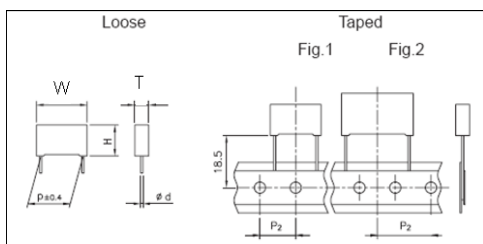
TeCap PN	CAP. (µF)	275Vac/560Vdc																			
		P=10mm				P=15mm				P=22.5mm				P=27.5mm				P=37.5mm			
		W	H	T	d	W	H	T	d	W	H	T	d	W	H	T	d	W	H	T	d
X2MKP103#275*** --	0,01	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP153#275*** --	0,015	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP223#275*** --	0,022	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP333#275*** --	0,033	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP473#275*** --	0,047	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP683#275*** --	0,068	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP104#275*** --	0,1	13,0	12,0	6,0	0,6	18,0	11,0	5,0	0,6												
X2MKP154#275P10 --	0,15	13,0	12,0	6,0	0,6	18,0	12,0	6,0	0,8	26,5	15,0	6,0	0,8								
X2MKP224#275*** --	0,22	15,0	10,0	8,0		18,0	13,0	6,3	0,8	26,5	15,0	6,0	0,8								
X2MKP334#275*** --	0,33					18,0	14,5	8,5	0,8	26,5	15,0	6,0	0,8								
X2MKP474#275*** --	0,47					18,0	16,0	10,0	0,8	26,5	16,0	7,0	0,8	32,0	17,0	9,0	0,8				
X2MKP564#275*** --	0,56					18,0	16,0	10,0	0,8	26,5	16,0	7,0	0,8	32,0	17,0	9,0	0,8				
X2MKP684M275P15 --	0,68					18,0	16,0	10,0	0,8												
X2MKP684#275*** --	0,68					18,0	19,0	11,0	0,8	26,5	16,0	7,0	0,8	32,0	17,0	9,0	0,8				
X2MKP105#275*** --	1									26,5	18,5	10,0	0,8	32,0	17,0	9,0	0,8				
X2MKP155#275*** --	1,5									26,5	20,0	11,0	0,8	32,0	20,0	11,0	0,8				
X2MKP225M275P22 --	2,2									26,5	22,0	13,0	0,8								
X2MKP225#275P27 --	2,2													32,0	22,0	13,0	0,8	42,0	22,0	11,0	0,8
X2MKP335#275P27 --	3,3									26,5	30,0	14,5	0,8	32,0	25,0	14,0	0,8	42,0	22,0	11,0	0,8
X2MKP475#275P27 --	4,7													32,0	28,0	18,0	0,8	42,0	24,0	13,0	0,8
X2MKP565#275P27 --	5,6													32,0	28,0	18,0	0,8	42,0	28,0	16,0	0,8
X2MKP685#275P27 --	6,8													32,0	33,0	18,0	0,8	42,0	32,0	19,0	0,8
X2MKP825#275P27 --	8,2													32,0	37,0	22,0	0,8	42,0	49,0	20,0	0,8
X2MKP106#275P27 --	10													32,0	37,0	22,0	0,8	42,0	45,0	30,0	0,8

tolerance: K=10%, M=20%

*** pitch code

-- lead length/package code

E12 series available upon request

**TeCap****X2MKP****X2 Capacitor (Metallized Polypropylene Film Capacitor)****Dimensions** $\varnothing d \pm 0,05$ $p \leq 15$

0,6 or 0,8*

 $22,5 \leq p \leq 37,5$

0,8

* See dimension table

All dimensions are in mm

Pitch	Box thickness (T)	Maximum dimensions (mm)		
mm	mm	Tmax	Hmax	Wmax
10,0	All	T+0,2	H+0,1	W+0,2
15,0	<7,5	T+0,2	H+0,1	W+0,3
15,0	>7,5	T+0,2	H+0,1	W+0,5
22,5	All	T+0,2	H+0,1	W+0,3
27,5	All	T+0,2	H+0,1	W+0,3

Dimension Table (mm)

TeCap PN	CAP. (µF)	310Vac/630Vdc																			
		P=10mm				P=15mm				P=22.5mm				P=27.5mm				P=37.5mm			
		W	H	T	d	W	H	T	d	W	H	T	d	W	H	T	d	W	H	T	d
X2MKP103#310*** --	0,01	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP153#310*** --	0,015	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP223#310*** --	0,022	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP333#310*** --	0,033	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP473#310*** --	0,047	13,0	11,0	5,0	0,6	18,0	11,0	5,0	0,6												
X2MKP683#310*** --	0,068	13,0	12,0	6,0	0,6	18,0	11,0	5,0	0,6												
X2MKP104#310*** --	0,1	13,0	12,0	6,0	0,6	18,0	11,0	5,0	0,6												
X2MKP154#310*** --	0,15					18,0	12,0	6,0	0,8	26,5	15,0	6,0	0,8								
X2MKP224#310*** --	0,22					18,0	13,5	7,5	0,8	26,5	15,0	6,0	0,8								
X2MKP334#310*** --	0,33					18,0	14,5	8,5	0,8	26,5	15,0	6,0	0,8								
X2MKP474M310P15 --	0,47					18,0	16,0	10,0	0,8												
X2MKP474#310*** --	0,47					18,0	19,0	11,0	0,8	26,5	16,0	7,0	0,8	32,0	17,0	9,0	0,8				
X2MKP564#310*** --	0,56					18,0	19,0	11,0	0,8	26,5	18,5	10,0	0,8	32,0	17,0	9,0	0,8				
X2MKP684#310*** --	0,68									26,5	18,5	10,0	0,8	32,0	17,0	9,0	0,8				
X2MKP105#310*** --	1									26,0	20,0	11,0	0,8	32,0	20,0	11,0	0,8				
X2MKP155#310*** --	1,5									26,5	22,0	13,0	0,8	32,0	22,0	13,0	0,8				
X2MKP225#310P27 --	2,2									26,5	30,0	14,5	0,8	32,0	28,0	14,0	0,8				
X2MKP335#310*** --	3,3													32,0	28,0	18,0	0,8	42,0	24,0	13,0	0,8
X2MKP475M310*** --	4,7																	42,0	24,0	13,0	0,8
X2MKP475#310*** --	4,7													32,0	32,0	22,0	0,8	42,0	28,0	16,0	0,8
X2MKP565#310*** --	5,6													32,0	37,0	22,0	0,8	42,0	32,0	19,0	0,8
X2MKP685#310*** --	6,8													32,0	37,0	22,0	0,8	42,0	40,0	20,0	0,8
X2MKP825#310*** --	8,2																	42,0	44,0	24,0	0,8
X2MKP106#310*** --	10																	42,0	45,0	30,0	0,8

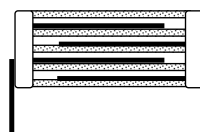
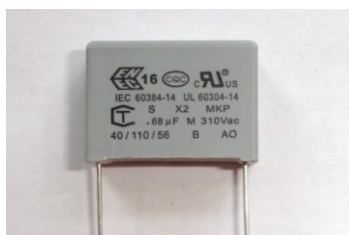
tolerance: K=10%, M=20%

*** pitch code

-- lead length/package code

E12 series available upon request

X2 Capacitor (Metallized Polypropylene Film Capacitor)



single sided metallized
polypropylene film



APPLICATION:

This special X2MKP S release is designed for applications in series with the main

FEATURES:

- Metallized polypropylene structure
- Good self-healing properties, withstanding surge voltage stressing
- Long stability of capacitance
- Good properties in damp environment
- Excellent active and passive flame resistant abilities

GENERAL TECHNICAL DATA

Dielectric:	polypropylene film.
Metal Layer:	Zinc Alloy evaporation under vacuum.
Winding:	Non-inductive type.
Leads:	Tin-plated copper wire.
Plastic case:	PBT material with solven resistant & flame retardant according to UL94V0
Filling:	Epoxy Resin with flame retardant according to UL94V0.
Marking:	Company logo, capacitor type, capacitance, tolerance, capacitor class, rated voltage, approvals climatic category, passive flammability category, date code.

Operating temperature range: - 40 to +110°C

Climatic category: 40/110/56 IEC

Related documents: IEC-60384-14, EN 60384-14, GB/T14472
UL 60384-14, CSA E60384-14

ELECTRICAL CHARACTERISTICS

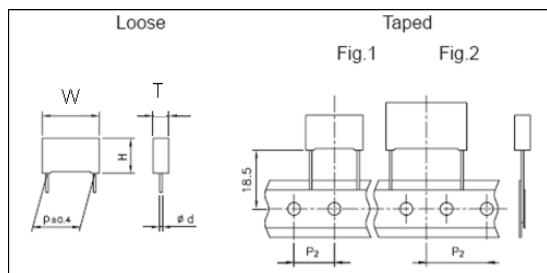
Capacitance range:	0.01uF ~ 2.2uF
Capacitance tolerances:	(measured at 1KHZ) ±10%(K); ±20%(M) ±5%(J); available upon request
Rated Voltage:	275Vac(50/60Hz)/ 560Vdc 310Vac(50/60Hz)/ 630Vdc
Dissipation Factor:	$\tan \delta \leq 10^{-4}$ at +25°C ±5°C: ≤ 0.15 (8 typical) at 1 kHz
Insulation Resistance:	
Test conditions	
Temperature	25°C ±5°C
Voltage charge:	100 Vdc
Charge time	1 Min.
Performance	
C ≤ 0.33uF	≥ 1×10 ⁵ MΩ (typical value 5×10 ⁵ MΩ)
C > 0.33uF	≥ 30000 s (typical value 150000 s)
Test Voltage:	at 25°C ±5°C
(Between terminals)	1500VAC for 1 sec. or 2200VDC 1sec.

Rated voltage pulse slope Max dv/dt(V/us)at 390VDC

Pitch	15mm	22.5mm	27.5mm
dv/dt	400	200	150

RELIABILITY TEST METHOD & PERFORMANCE:

Damp heat steady state		Performance	
Test condition			
1st	Temperature: 40±2°C Relative humidity: 93%±2% Test duration: 56 days	Dielectric strength	No dielectric breakdown or flashover at 4.3xVr(d.c)/1 min.
2nd	Temperature: 60±2°C Relative humidity: 95%±2% Test duration: 500 hours	Capacitance change	≤5%
3rd	Temperature: 40±2°C Relative humidity: 93%±2% Test duration: 500 hours Voltage applied: 230Vac, 50Hz	Insulation resistance	≥50% of initial limit
Endurance		Performance	
Test condition			
	Temperature: 110±2°C Test duration: 1000 h Voltage applied: 1.25*VR+1000Vac 0.1S/h	Dielectric strength	No dielectric breakdown or flashover at 4.3xVr(d.c)/1 min.
		Capacitance change	≤10%
		Insulation resistance	≥50% of initial limit
Resistance to soldering heat		Performance	
	Solder bath temperature: 260±5°C Dipping time: 10s±1s	Capacitance change	≤2%

X2 Capacitor (Metallized Polypropylene Film Capacitor)
Dimensions


Ø+0,05	p = 15	22,5 ≤ p ≤ 27,5
	0,6 or 0,8*	0,8

* See dimension table

All dimensions are in mm

Pitch	Box thickness (T)	Maximum dimensions (mm)		
mm	mm	Tmax	Hmax	Wmax
15,0	<7,5	T+0,2	H+0,1	W+0,3
15,0	>7,5	T+0,2	H+0,1	W+0,5
22,5	All	T+0,2	H+0,1	W+0,3
27,5	All	T+0,2	H+0,1	W+0,3

Dimension Table (mm)

TeCap PN	CAP. (µF)	275Vac/560Vdc											
		P=15mm				P=22.5mm				P=27.5mm			
		W	H	T	d	W	H	T	d	W	H	T	d
X2MKP103#275P15 --S	0,01	18,0	11,0	5,0	0,6								
X2MKP153#275P15 --S	0,015	18,0	11,0	5,0	0,6								
X2MKP223#275P15 --S	0,022	18,0	11,0	5,0	0,6								
X2MKP333#275P15 --S	0,033	18,0	11,0	5,0	0,6								
X2MKP473#275P15 --S	0,047	18,0	11,0	5,0	0,6								
X2MKP683#275P15 --S	0,068	18,0	11,0	5,0	0,6								
X2MKP104#275P15 --S	0,1	18,0	11,0	5,0	0,6								
X2MKP154#275*** --S	0,15	18,0	12,0	6,0	0,8	26,5	15,0	6,0	0,8				
X2MKP224#275*** --S	0,22	18,0	13,5	7,5	0,8	26,5	15,0	6,0	0,8				
X2MKP334#275*** --S	0,33	18,0	14,5	8,5	0,8	26,5	15,0	6,0	0,8				
X2MKP474M275P15 --S	0,47	18,0	16,0	10,0	0,8								
X2MKP474#275*** --S	0,47	18,0	19,0	11,0	0,8	26,5	16,0	7,0	0,8	32,0	17,0	9,0	0,8
X2MKP564#275*** --S	0,56	18,0	19,0	11,0	0,8	26,5	18,5	10,0	0,8	32,0	17,0	9,0	0,8
X2MKP684M275*** --S	0,68	18,0	19,0	11,0	0,8	26,5	18,5	10,0	0,8	32,0	17,0	9,0	0,8
X2MKP824#275*** --S	0,82					26,5	18,5	10,0	0,8	32,0	20,0	11,0	0,8
X2MKP105M275P22 --S	1,0					26,5	18,5	10,0	0,8				
X2MKP105#275*** --S	1,0					26,5	20,0	11,0	0,8	32,0	20,0	11,0	0,8
X2MKP155#275P27 --S	1,5									32,0	22,0	13,0	0,8
X2MKP225M275P27 --S	2,2									32,0	25,0	13,0	0,8

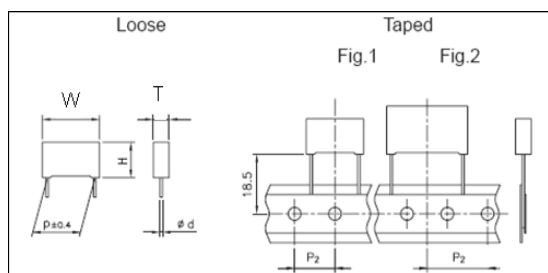
tolerance: K=10%, M=20%

*** pitch code

-- lead length/package code

S series version

E12 series available upon request

X2 Capacitor (Metallized Polypropylene Film Capacitor)
Dimensions


Ø+0,05	p = 15	22,5 ≤ p ≤ 27,5
	0,6 or 0,8*	0,8

* See dimension table

All dimensions are in mm

Pitch mm	Box thickness (T) mm	Maximum dimensions (mm)		
		Tmax	Hmax	Wmax
15,0	<7,5	T+0,2	H+0,1	W+0,3
15,0	>7,5	T+0,2	H+0,1	W+0,5
22,5	All	T+0,2	H+0,1	W+0,3
27,5	All	T+0,2	H+0,1	W+0,3

Dimension Table (mm)

TeCap PN	CAP. (μF)	310Vac/630Vdc											
		P=15mm				P=22.5mm				P=27.5mm			
		W	H	T	d	W	H	T	d	W	H	T	d
X2MKP103#310P15 - -S	0,01	18,0	11,0	5,0	0,6								
X2MKP153#310P15 - -S	0,015	18,0	11,0	5,0	0,6								
X2MKP223#310P15 - -S	0,022	18,0	11,0	5,0	0,6								
X2MKP333#310P15 - -S	0,033	18,0	11,0	5,0	0,6								
X2MKP473#310P15 - -S	0,047	18,0	11,0	5,0	0,6								
X2MKP683#310P15 - -S	0,068	18,0	11,0	5,0	0,6								
X2MKP104#310P15 - -S	0,1	18,0	12,0	6,0	0,8								
X2MKP154#310*** - -S	0,15	18,0	13,5	7,5	0,8	26,5	15,0	6,0	0,8				
X2MKP224#310*** - -S	0,22	18,0	14,5	8,5	0,8	26,5	15,0	6,0	0,8				
X2MKP334#310*** - -S	0,33	18,0	16,0	10,0	0,8	26,5	17,0	8,5	0,8				
X2MKP474#310*** - -S	0,47	18,0	19,0	11,0	0,8	26,5	18,5	10,0	0,8	32,0	17,0	9,0	0,8
X2MKP564#310*** - -S	0,56					26,5	18,5	10,0	0,8	32,0	17,0	9,0	0,8
X2MKP684#310*** - -S	0,68					26,5	20,0	11,0	0,8	32,0	17,0	9,0	0,8
X2MKP824#310*** - -S	0,82					26,5	20,0	11,0	0,8	32,0	20,0	11,0	0,8
X2MKP105M310P22 - -S	1,0					26,5	20,0	11,0	0,8				
X2MKP105#310*** - -S	1,0					26,5	22,0	13,0	0,8	32,0	20,0	11,0	0,8
X2MKP155M310P27 - -S	1,5									32,0	22,0	13,0	0,8
X2MKP155#310P27 - -S	1,5									32,0	28,0	14,0	0,8
X2MKP225K310P27 - -S	2,2									32,0	28,0	14,0	0,8

tolerance: K=10%, M=20%

*** pitch code

-- lead length/package code

S series version

E12 series available upon request



TeCap

X2MKP

X2 Capacitor (Metallized Polypropylene Film Capacitor)

Part number description

X2	M	K	P	1	0	5	K	2	7	5	P	1	5	0	6	*
1 Type				2 Capacitance			3 Tolerance	4 Rated Voltage			5 Pitch	6 lead lenght			7 internal code	

1 Type:

X2 MKP = Class X2, film metallized polypropylene

2 Capacitance:

Use 3 digit to represent Capacitance. First 2 digit means capacitance value. The last digit means 0 No. after capacitance value with unit Micro Farad. Show as below:

102= 1000PF= 1.0nF=0.001μF

105= 1000000PF= 1000nF=1.0μF

103= 10000PF= 10nF= 0.01μF

106= 10000000PF= 10000nF= 10μF

104=100000PF= 100nF= 0.1μF

3 Tolerance:

TOLERANCE	±1%	±2%	±3%	±5%	±10%	±20%
CODE	F	G	H	J	K	M

4 Rated Voltage:

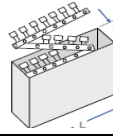
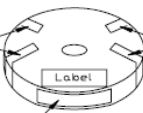
AC voltage represent code:

VOLTAGE	125V	180V	200V	220V	230V	250V	275V	280V	300V	310V
CODE	125	180	200	220	230	250	275	280	300	310

5 Pitch Code:

PITCH	5.0	7.5	10	15	22.5	27.5	37,5
CODE	P05	P07	P10	P15	P22	P27	P37

6 Lead length & Box dimensions:

CODE	Package	Lead length mm	Drawing	Typing style		
				P ₂ mm	Fig N°	Pitch mm
TA	Ammo-Pack			12,70 19,05	1 2	10,0/15,0 22,5
TR	Reel Taping ø500			12,70 19,05	1 2	10,0/15,0 22,5
06	Loose, short lead wire	6 ⁻²				
30	Loose, long lead wire	30 ⁺⁵				

7 Internal code:

S = series version

* = others



X2MKP

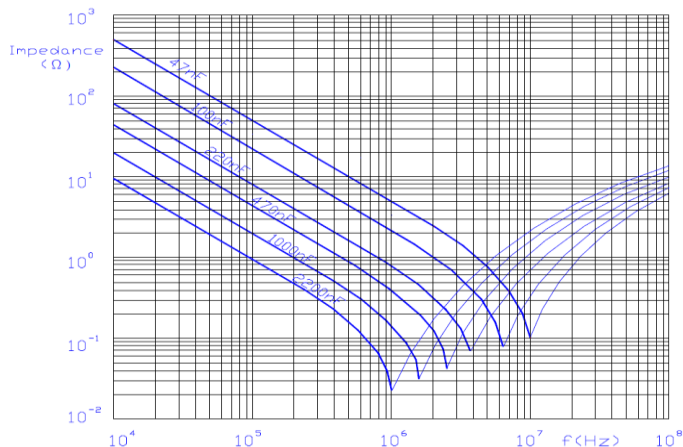
X2 Capacitor (Metallized Polypropylene Film Capacitor)

Approval Standards

Impedance vs frequency

(lead length less than 2mm) Typical values.

Approval marks	Standard	Class	Region
 (**)	ENEC IEC 60384-14	Class X2	Europe
 (***)	UL UL 60384-14	Class X2	Usa
	UL CSA 60384-14	Class X2	Canada
	CQC GB/T 14472	Class X2	China



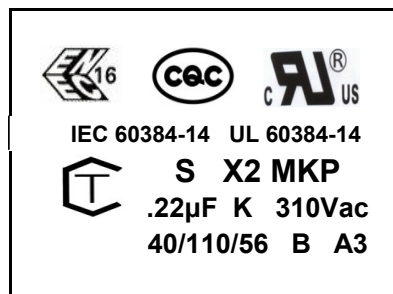
** ENEC mark has replaced all the following European National marks:

*** UL approval available for values 0,01uF-2,2uF.



X2 Capacitor marking:

	Company Logo
MKP	capacitor Type
.22uF	Capacitance value
K	Capacitance tolerance: J=±5%, K=±10%, M=±20%
X2	X2 class
310Vac	Rated voltage
	UL safety approval mark
	Femko safety approval mark for ENEC
	CQC for China quality certification mark
40/110/56	Climatic Category
IEC 60384-14	Product test standard
B	Passive flammability category
A3	Date code (table)
S	Series connection

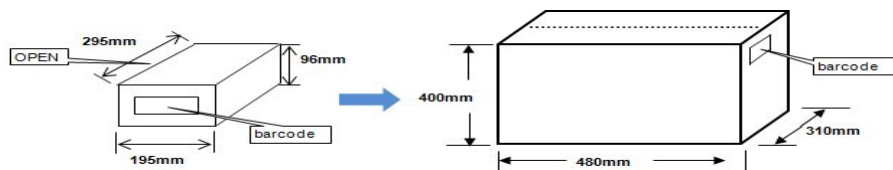


Date code table:

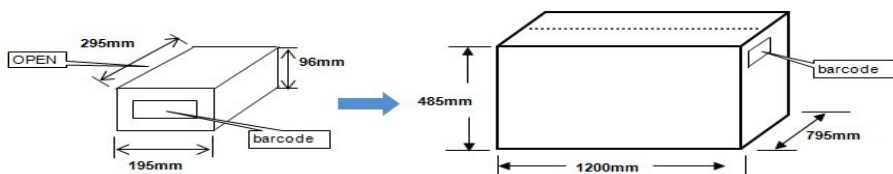
Year Code	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
	X	Y	Z	A	B	C	D	E	F	G	H	I
Month Code	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1	2	3	4	5	6	7	8	9	0	N	D

GENERAL INFORMATION

Bulk Package-A (dimensions in mm)



Bulk Package-B (dimensions in mm)



NUMBER OF PIECES FOR PACKING UNIT

Box dimensions				Pitch		Bulk Package				Taping package			
						PCS/box		box/Carton		Ammo		Reel/O 500mm	
W	H	T	P	short leads	Long leads	A	B	PCS/box	box/ Carton	PCS/box	Reel / Carton		
mm	mm	mm	mm	6-2mm	30+5mm								
13,0	9,0	4,0	10,0	2000	1800	10	80	1000	64	1500	20		
13,0	11,0	5,0	10,0	1500	1300	10	80	800	64	1250	20		
13,0	12,0	6,0	10,0	1200	1000	10	80	680	64	1000	20		
18,0	10,0	4,0	15,0	2500	1500	10	80	1000	64	1500	20		
18,0	11,0	5,0	15,0	2000	1000	10	80	800	64	1250	20		
18,0	12,0	6,0	15,0	1750	900	10	80	680	64	1000	20		
18,0	13,5	7,5	15,0	1000	700	10	80	500	64	800	20		
18,0	17,5	6,0	15,0	1000	700	10	80	680	64	1000	20		
18,0	14,5	8,5	15,0	1000	500	10	80	440	64	700	20		
18,0	12,5	9,0	15,0	1000	520	10	80	410	64	650	20		
18,0	16,0	10,0	15,0	750	500	10	80	380	64	600	20		
18,0	12,0	13,0	15,0	750	490	10	80	280	64	480	20		
18,0	19,0	11,0	15,0	450	350	10	80	340	64	500	20		
26,5	15,0	6,0	22,5	805	500	10	80	464	64	700	20		
26,5	16,0	7,0	22,5	700	500	10	80	380	64	550	20		
26,5	17,0	8,5	22,5	468	300	10	80	280	64	450	20		
26,5	18,5	10,0	22,5	396	300	10	80	235	64	350	20		
26,5	20,0	11,0	22,5	360	250	10	80	217	64	350	20		
26,5	22,0	13,0	22,5	300	200	10	80			300	20		
32,0	17,0	9,0	27,5	408	204	10	80			450	20		
32,0	20,0	10,0	27,5	300	204	10	80			350	20		
32,0	20,0	11,0	27,5	280	168	10	80			350	20		
32,0	22,0	13,0	27,5	240	144	10	80			300	20		
32,0	25,0	14,0	27,5	240	144	10	80						
32,0	28,0	14,0	27,5	176	88	10	80						
32,0	24,5	15,0	27,5	200	120	10	80						
32,0	33,0	18,0	27,5	156	64	10	80						
32,0	37,0	22,0	27,5	84	56	10	80						
41,5	22,0	11,0	37,5	210	126	10	80						
41,5	24,0	13,0	37,5	180	108	10	80						
41,5	28,0	16,0	37,5	108	54	10	80						
41,5	32,0	19,0	37,5	96	48	10	80						
41,5	40,0	20,0	37,5	63	42	10	80						
41,5	44,0	24,0	37,5	54	36	10	80						
41,5	45,0	30,0	37,5	45	30	10	80						