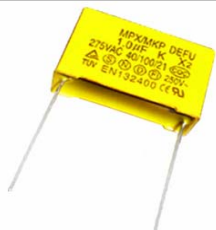


# EDCON-COMPONENTS



## Features

Provides interference suppression, all safety approval.  
 Box type provides the identical outer appearance.  
 High insulation resistance, long life due to self-healing effect.  
 Very low loss at high frequency, suitable for high current.  
 Withstanding 1,5KV impulse voltage, class X2.  
 As an across-the-line type noise suppression capacitor, and suitable for AC purpose.

## Approvals



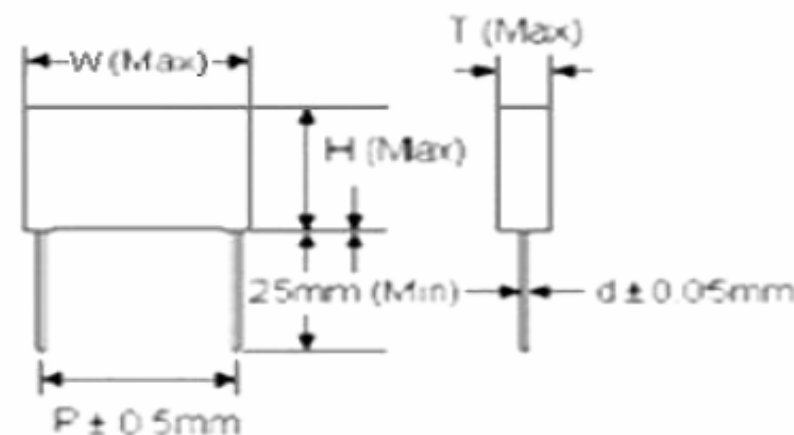
## Specifications

Reference Standard	GB/T 14472-1998 (IEC 60384-14)
Climatic Category:	40/100/21
Rated Voltage:	275VAC
Capacitance Tolerance:	J=5%, K=10%, M=20%
Voltage Proof:	4,3Ur DC(5s)
Dissipation Factor:	≤0,12% (CR≤1μF) ≤0,3% (CR>1μF) (20°C, 10KHz)
Insulation Resistance:	≥ 15000MΩ ( CR≤0,33μF ) = (20°C, 1min)
	≥ 5000s ( CR≤0,33μF ) = (20°C, 1min)

## Construction

Are non-inductively wound with metallized polyester film as the dielectric/electrode with copper-clad steel leads and encapsulated in a plastic case sealed with epoxy resin

## Dimensions (mm)



**MPX2 Metallized Polypropylene Film Capacitors X2 Class**

Part No.: **I25001**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.04.2010
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# EDCON-COMPONENTS



## Dimension table and Order Code

	Range	Size	Dimension				
	Code	Code	W	T	H	P	d
μF			(mm)	(mm)	(mm)	(mm)	(mm)
0,0022	222	A	13,0	4,0	9,0	10,0	0,6
0,0027	272	A	13,0	4,0	9,0	10,0	0,6
0,0033	332	A	13,0	4,0	9,0	10,0	0,6
0,0039	392	A	13,0	4,0	9,0	10,0	0,6
0,0047	472	A	13,0	5,0	11,0	10,0	0,6
0,0056	562	A	13,0	5,0	11,0	10,0	0,6
0,0068	682	A	13,0	5,0	11,0	10,0	0,6
0,0082	822	A	13,0	5,0	11,0	10,0	0,6
0,01	103	A	13,0	5,0	11,0	10,0	0,6
0,012	123	A	13,0	5,0	11,0	10,0	0,6
0,015	153	A	13,0	5,0	11,0	10,0	0,6
0,018	183	A	13,0	5,0	11,0	10,0	0,6
0,022	223	A	13,0	5,0	11,0	10,0	0,6
0,027	273	A	13,0	5,0	11,0	10,0	0,6
0,033	333	A	13,0	5,0	11,0	10,0	0,6
0,039	393	A	13,0	6,0	12,0	10,0	0,6
0,047	473	A	18,0	6,0	11,0	15,0	0,8
0,047	473	B	13,0	6,0	12,0	10,0	0,6
0,056	563	A	13,0	6,0	12,0	10,0	0,6
0,068	683	A	13,0	6,0	12,0	10,0	0,6
0,068	683	B	18,0	5,0	11,0	15,0	0,8
0,082	823	A	18,0	5,2	11,5	15,0	0,8
0,1	104	A	13,5	6,0	12,0	10,0	0,6
0,1	104	B	18,0	5,5	11,5	15,0	0,8
0,1	104	C	18,0	6,0	12,0	15,0	0,8
0,12	124	A	18,0	6,3	13,0	15,0	0,8

	Range	Size	Dimension				
	Code	Code	W	T	H	P	d
μF			(mm)	(mm)	(mm)	(mm)	(mm)
0,15	154	A	18,0	7,5	13,0	15,0	0,8
0,15	154	B	26,5	6,0	15,0	22,5	0,8
0,18	184	A	18,0	8,5	14,5	15,0	0,8
0,18	184	B	26,5	6,0	15,0	22,5	0,8
0,22	224	A	18,0	8,5	11,5	15,0	0,8
0,22	224	B	26,5	7,0	16,5	22,5	0,8
0,27	274	A	26,5	8,5	16,5	22,5	0,8
0,33	334	A	18,0	8,5	14,5	15,0	0,8
0,33	334	B	26,5	7,0	16,5	22,5	0,8
0,33	334	C	26,5	8,5	17,0	22,5	0,8
0,39	394	A	26,5	10,0	20,0	22,5	0,8
0,47	474	A	17,5	11,0	19,0	15,0	0,8
0,47	474	B	18,0	10,0	16,0	15,0	0,8
0,47	474	C	26,5	8,5	17,5	22,5	0,8
0,47	474	D	26,5	10,0	20,0	22,5	0,8
0,47	474	E	32,0	11,0	20,0	22,5	0,8
0,56	564	A	32,0	11,0	20,0	27,5	0,8
0,68	684	A	26,5	10,0	20,0	22,5	0,8
0,68	684	B	32,0	11,0	20,0	27,5	0,8
0,82	824	A	32,0	13,0	22,0	27,5	0,8
0,82	824	B	26,5	10,0	20,0	22,5	0,8
1,0	105	A	32,0	11,0	20,0	27,5	0,8
1,0	105	B	32,0	13,0	22,0	27,5	0,8
1,0	105	C	37,0	13,5	25,0	31,5	0,8
1,5	155	A	32,0	13,0	22,0	27,5	0,8
1,5	155	B	37,0	17,0	26,6	31,5	0,8

**MPX2 Metallized Polypropylene  
Film Capacitors X2 Class**

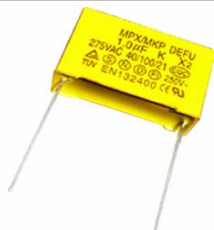
Part No.: **I25001**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.04.2010
APPD:	Schumi			FINISH	Jamy		Sheet No.		2 from 5

Customer:



# EDCON-COMPONENTS



## Ordering Informations

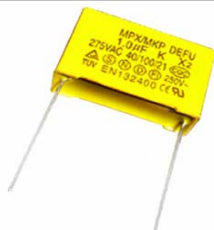
Serie	Range Code	Tol.	Size Code	ROHS	Package					
I25001	104	K	A	R	LL					

0,1µF = 104 Look table Range Code	J= Tol. 5%	Look table Size Code (Dimension)	R= ROHS Conform	LL= Long Lead
	K= Tol. 10%		N= NON ROHS Conform	L4= Lead Length 4mm
	M= Tol. 20%			TB= Tape Box

**MPX2 Metallized Polypropylene  
Film Capacitors X2 Class**

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Soldering Profile Curve

Classification Reflow Profile (JEDEC J-STD-020C)



**MPX2 Metallized Polypropylene  
Film Capacitors X2 Class**

Part No.: **I25001**

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