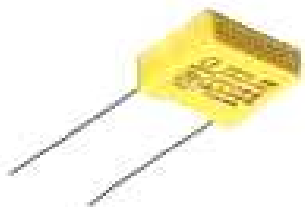


EDCON-COMPONENTS



Features

- The highest possible safety regarding active and passive flamability
- Self-extinguishing UL 94V-0 encapsulation material.
- High dU/dt capability.
- Excellent self-healing properties
- Ensures long life even when subject to frequent overvoltages.
- Good resistance to ionization due to impregnated dielectric
- Small dimensions.
- Safety approvals for worldwide use.
- The capacitors meet the most stringent IEC humidity class 56days.
- The impregnated paper ensures excellent stability giving outstanding reliability properties, especially in applications having continuous operation.

Specifications

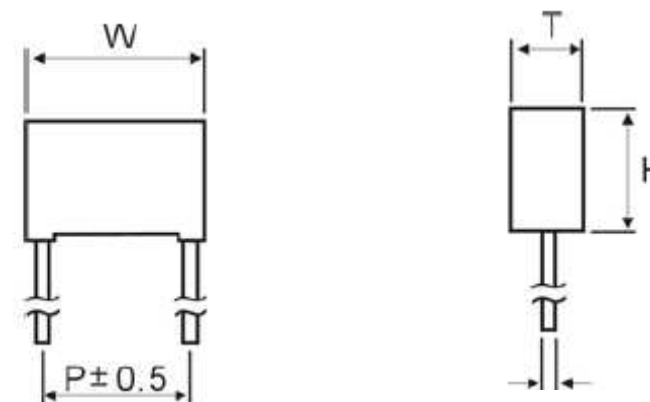
Rated Voltage:	250VAC, 50~60Hz
Capacitance Range:	0,0047 μ F ~ 0,1 μ F
Capacitance Tolerance:	J= (5%); K=(10%), M=(20%)
Dielectric:	Metallized Polypropylene Film
Dissipation Factor Tan:	Less than 0,1% at 1KHz / 20°C
Insulation Resistance:	Between Terminals
	Less than or equal to 0,33 μ F $\geq 3 \times 10^4$ M Ω
	Greater than 0,33 μ F $\geq 1 \times 10^4$ M Ω
Measured at 100 \pm 15 VDC , 60Sec / 20°C	

Approvals

Construction

Y2 type is self-healing flat style capacitor, which is wound with metallized polypropylene film dielectric and encapsulated in a flame retardant plastic (UL94V-0) case and epoxy resin end seal. They are for use in positions where a failure of the capacitor could expose somebody to dangerous electric shock. There are four sub-classes of Y capacitors.

Dimensions (mm)



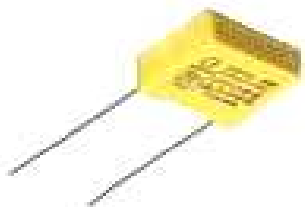
Metallized Polypropylene Film Capacitor Box Type MKY Y2

Part No.: **I24001**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 5	

EDCON-COMPONENTS



Range code table and Case Style

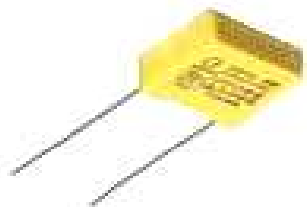
Capacitance (µF)	Range Code	Rated Voltage	Case Code	Dimensions in mm					Max. du/dt V/µs
				W	H	T	P	d	
0,001	102	250VAC	A	18	10	5	15	0,6	800
0,001	102	250VAC	B	13	11	5	10	0,6	800
0,0022	222	250VAC	A	18	10	5	15	0,6	800
0,0022	222	250VAC	B	13	11	5	10	0,6	800
0,0033	332	250VAC	A	18	10	5	15	0,6	800
0,0033	332	250VAC	B	13	11	5	10	0,6	800
0,0047	472	250VAC	A	18	10	5	15	0,6	800
0,0047	472	250VAC	B	13	11	5	10	0,6	800
0,0056	562	250VAC	A	18	10	5	15	0,6	800
0,0056	562	250VAC	B	13	11	5	10	0,6	800
0,0068	682	250VAC	A	18	10	5	15	0,6	800
0,0068	682	250VAC	B	13	12	6	10	0,6	800
0,0082	822	250VAC	A	18	10	5	15	0,6	800
0,0082	822	250VAC	B	13	12	6	10	0,6	800
0,010	103	250VAC	A	18	10	5	15	0,6	800
0,010	103	250VAC	B	13	12	6	10	0,6	800
0,012	123	250VAC	A	18	10	5	15	0,6	600
0,012	123	250VAC	B	13	12	6	10	0,6	600
0,015	153	250VAC	B	17	11	5,5	15	0,6	600
0,018	183	250VAC	B	17	11	5,5	15	0,6	600

**Metallized Polypropylene Film
Capacitor Type MKY Y2**

Part No.: **I24001**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 5		

EDCON-COMPONENTS



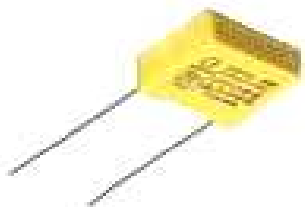
Range code table and Case Style

Capacitance (µF)	Range Code	Rated Voltage	Case Code	Dimensions in mm					Max. du/dt V/µs
				W	H	T	P	d	
0,022	223	250VAC	B	17	11	5,5	15	0,6	600
0,027	273	250VAC	B	17	11	5,5	15	0,6	600
0,033	333	250VAC	B	18	12	6	15	0,6	600
0,047	473	250VAC	B	18	12	6	15	0,6	600
0,056	563	250VAC	B	17	15,5	7,5	15	0,6	600
0,068	683	250VAC	B	17	15,5	7,5	15	0,6	600
0,082	823	250VAC	B	18	16,5	8,5	15	0,6	600
0,10	104	250VAC	B	18	16,5	8,5	15	0,6	600
0,10	104	250VAC	C	26,5	16,5	7	22,5	0,8	600
0,10	104	250VAC	D	31,5	16,5	7,5	27,5	0,8	600

Metallized Polypropylene Film Capacitor Box Type MKY Y2	
Part No.:	I24001
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 5

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Ordering Informations

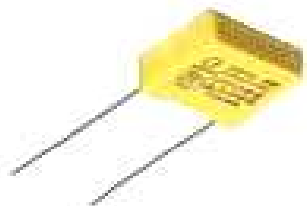
Serie	Range Cod.	Tol.	Size Code	ROHS	Package					
I24001	102	K	A	R	LL					

102= Look Range Code table	M= Tol. 20%	A= Size Code	R= ROHS Conform	LL= Long Lead
	K= Tol. 10%		N= NON ROHS Conform	L4= Lead Length 4mm
	J= Tol. 5%		TB= Tape Box	

Metallized Polypropylene Film Capacitor Box Type MKY Y2

Part No.: **I24001**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 5		



Soldering Profile Curve

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



Metallized Polypropylene Film Capacitor Box Type MKY Y2	
Part No.:	I24001
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.04.2009
APPD:	Schumi			FINISH	Jamy		Sheet No.	5 from 5	

