

# EDCON-COMPONENTS



## Features

Class "X1"  
 Approved by: VDE, SEV, NEMKO, DEMKO, SEMKO, UL / CUL  
 Proven series wound construction  
 Self healing properties  
 Flame retardent plastic cases and epoxy resin (compliant with UL 94V-0)  
 Ideal for using in-line-By-Pass, Antenna coupling, Accross the-line and spark killer circuits and available for EMI-Filter and switching power supply.

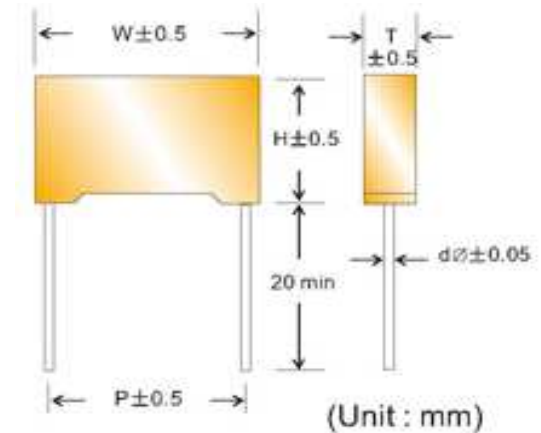
## Specifications

Rated Voltage:	300VAC
Capacitance Tolerance:	J=5%, K=10%, M=20%
Opearing Temperature	. -40°C to + 100°C
Dielectric strength:	Applied 1290VDC for 1 minute or 4000VDC for 1 seconds
Dissipation Factor:	0,1% max. at 1KHz
Maximum Pulse Rise Time	250VAC; 120V/microsecond
Insulation Resistance:	Measured after a charging voltage $100 \pm 15$ VDC for 1 Minutes
	Less than orequal to $0,33\mu F \geq 30.000M\Omega$
	Greather than $0,33\mu F \geq 10000M\Omega$

## Approval

DIN EN 132400(1994) IEC 384-14(1993) and IEC Draft 40 (SEC 677)  
 UL1414 (250VC), CAN/CSA-C22-2 Number 1-94 (250VAC).

## Dimensions (mm)



**Interference Suppression  
 Capacitor Type MEX 1 (MKP63)**

Part No.: **I34001**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	10.07.2010
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 5

Customer:

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Dimension table and Order Code

	Range	Size	Dimension				
	Code	Code	W	H	T	P	d
µF			(mm)	(mm)	(mm)	(mm)	(mm)
0,0022	222	A	18,0	11,0	5,0	15,0	0,6
0,0027	272	A	18,0	11,0	5,0	15,0	0,6
0,0033	332	A	18,0	11,0	5,0	15,0	0,6
0,0039	392	A	18,0	11,0	5,0	15,0	0,6
0,0047	472	A	13,0	11,0	5,0	10,0	0,6
0,0056	562	A	13,0	11,0	5,0	10,0	0,6
0,0068	682	A	13,0	11,0	5,0	10,0	0,6
0,0082	822	A	13,0	11,0	5,0	10,0	0,6
0,01	103	A	13,0	11,0	5,0	10,0	0,6
0,012	123	A	13,0	11,0	5,0	10,0	0,6
0,015	153	A	13,0	11,0	5,0	10,0	0,6
0,018	183	A	13,0	12,0	6,0	10,0	0,6
0,022	223	A	13,0	12,0	6,0	10,0	0,6
0,027	273	A	13,0	12,0	6,0	10,0	0,6
0,033	333	A	18,0	11,0	5,0	15,0	0,8
0,039	393	A	18,0	11,0	5,0	15,0	0,8
0,047	473	A	18,0	11,0	5,0	15,0	0,8
0,056	563	A	18,0	12,0	6,0	15,0	0,8
0,068	683	A	18,0	12,0	6,0	15,0	0,8
0,082	823	A	18,0	12,0	6,0	15,0	0,8
0,10	104	A	18,0	13,5	6,0	15,0	0,8
0,12	124	A	18,0	14,5	8,5	15,0	0,8
0,15	154	A	18,0	14,5	8,5	22,5	0,8
0,15	154	B	26,5	15,0	6,0	22,5	0,8
0,18	184	A	26,5	16,5	7,0	22,5	0,8

	Range	Size	Dimension				
	Code	Code	W	H	T	P	d
µF			(mm)	(mm)	(mm)	(mm)	(mm)
0,22	224	A	18,0	16,0	10,0	15,0	0,8
0,22	224	B	26,5	16,5	7,0	22,5	0,8
0,27	274	A	26,5	17,0	9,5	22,5	0,8
0,33	334	A	26,5	17,0	8,5	22,5	0,8
0,39	394	A	26,5	19,0	10,0	22,5	0,8
0,47	474	A	26,5	19,0	10,0	22,5	0,8
0,47	474	B	32,0	20,0	11,0	27,5	0,8
0,56	564	A	32,0	20,0	11,0	27,5	0,8
0,6	604	A	32,0	20,0	11,0	27,5	0,8
0,68	684	A	32,0	22,0	11,0	27,5	0,8
0,82	824	A	32,0	22,0	13,0	27,5	0,8
1,0	105	A	32,0	25,0	13,0	27,5	0,8
1,0	105	B	37,0	25,0	13,0	31,5	0,8
1,2	125	A	37,0	25,0	13,0	31,5	0,8
1,5	155	A	37,0	26,5	15,0	31,5	0,8
1,8	185	A	37,0	28,0	17,0	31,5	0,8
2,2	225	A	37,0	29,0	19,0	31,5	0,8
2,7	275	A	37,0	29,0	19,0	31,5	0,8
3,3	335	A	39,0	32,0	22,0	31,5	0,8
3,9	395	A	50,0	30,0	20,0	45,0	0,8
4,7	475	A	51,0	32,0	20,0	45,0	0,8

Interference Suppression  
Capacitor Type MEX 1 (MKP63)

Part No.: I34001

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COMPONENTS  
A MEMBER OF EDCON-GROUP

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## Ordering Informations

Serie	Range Code	Tol.	Size Code	ROHS	Package					
<b>I34001</b>	<b>104</b>	<b>K</b>	<b>A</b>	<b>R</b>	<b>LL</b>					

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

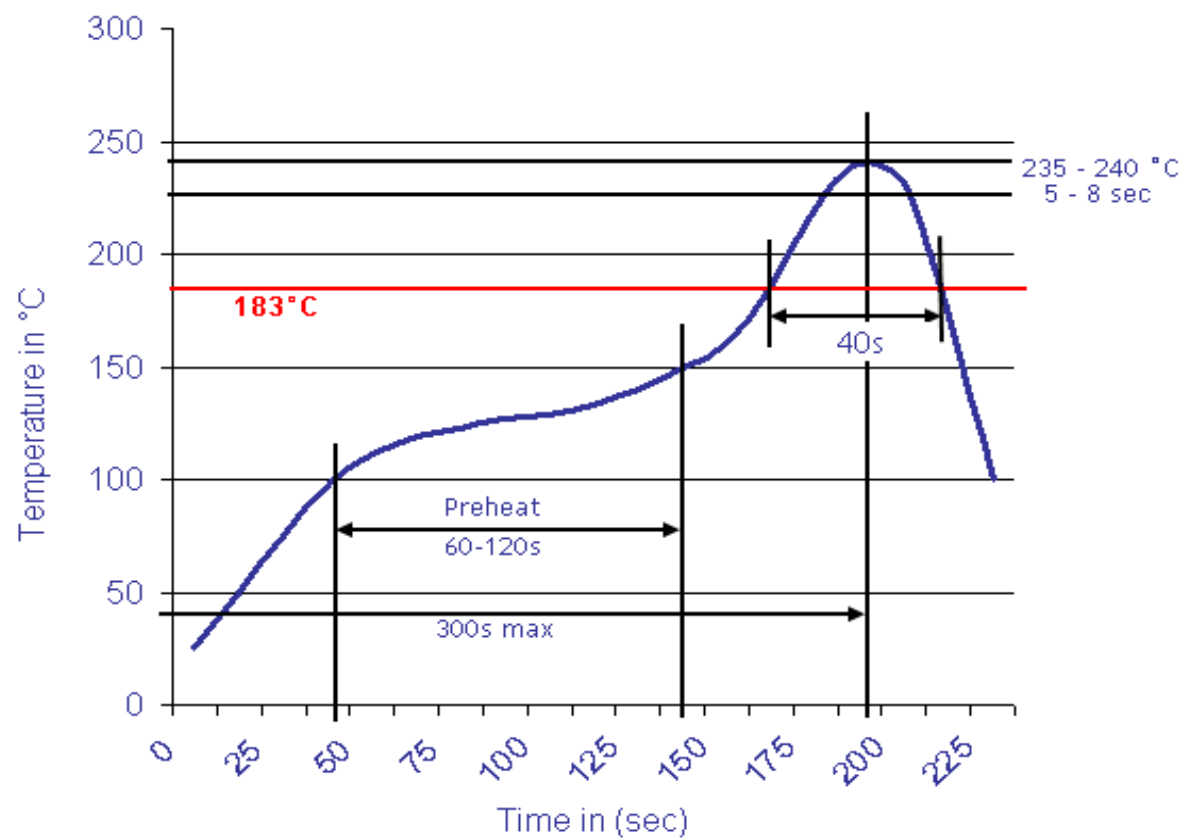
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Customer:

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



Customer:

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