



# DATA SHEET

## Metallized polypropylene film capacitor Box-Type

### Serie: I40002

Code / Range **183= 0,018 $\mu$ f**

Code / Volt **501= 500VAC**

Width **17,5 mm**

Height **13,5 mm**

Thickness **7,5 mm**

Pitch **15,0 mm**

**Metallized polypropylene film  
capacitor Box-Type**

Serie No.: **I40002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.05.2011	Customer:
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# EDCON-COMPONENTS



## Features

Low Cost at high frequency

Small inherent temperature rise, high temperature range

Plastic case (UL94V-0) Epoxy resin sealing

## Dimensions

## Applications

Pulse applications with high A.C. voltage and high current

Electrical lighting (i.e. Electric ballast, E-HID)

High frequency A.C.loads

## Specifications

Referance Standard	GB/T 14579 (IEC 60384-17)	
Climatic Category	55/125/56	
Rated Temperature	+85°C	
Operating Temperature Range	-55°C ~ +125°C	
	(+85°C to +125°C ; decreasing factor 1,25% per °C for V <sub>R</sub> (dc)	
Voltage Proof (Between Terminals)	1.60U <sub>R</sub> (5s)	
Capacitance Tolerance	H=3% , J=5%, K=10%	
Disspation Factor	≤ 0,0010 (1KHz, 20°C)	
Insulation Resistance	≥75 * 10 <sup>3</sup> MΩ (20°C, 100V ,1min)	
Pitch Width	from 7,5mm ~ 22,5mm	

Rated Voltage	400VAC		500VAC		600VAC		700VAC		900VAC	
Pitch (mm)	7,5	≥7,5	7,5	≥7,5	≤10,0	≥10,0	10	≥10,0	15	≥15,0
VDC ©	1000	1300	1300	1400	1400	1600	1600	2000	2500	



## Case Dimension table

Case Code	W ±0,4 (mm)	H ±0,4 (mm)	T ±0,4 (mm)	P (mm)
<b>A</b>	17,5	13,5	7,5	15,0

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,8mm

**Metallized polypropylene film capacitor Box-Type**

Part No.: **I4002**

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[www.edcon-components.com](http://www.edcon-components.com)

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## Ordering Informations

Serie	Range	Tolerance	Voltage	Case Code	Pitch Code	Lead Style	Lead Length C	ROHS	Packing Code	
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<b>I40002</b>	<b>183</b>	<b>K</b>	<b>501</b>	<b>A</b>	<b>6</b>	<b>N</b>	<b>LL</b>	<b>R</b>	<b>BU</b>	
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<b>183=</b> 0,018µf	<b>K=</b> 10% Standard	<b>501=</b> 500VAC	<b>A=</b> look Case Dimension	<b>6=</b> 15,0mm	<b>N=</b> No function	<b>LL=</b> Long Lead (Standard)	<b>R=</b> ROHS Conform	<b>BU=</b> Bulk Ware
	<b>J=</b> 5%					<b>45=</b> Lead Length 4,5mm	<b>N=</b> NON ROHS Conform	<b>TB=</b> Tape Box
	<b>H=</b> 3%							<b>IV=</b> Individual Package

**Metallized polypropylene film  
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Part No.: **I40002**

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Customer:



Soldering Profile Curve

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



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APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 4	