



# DATA SHEET

## Metallized polypropylene film capacitor (Box-Type)

### Serie: I37003

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

Code / Volt **401= 400VDC**

Width **7,2 mm**

Height **9,5 mm**

Thickness **4,5 mm**

Pitch **5,0 mm**

**Metallized polypropylene film capacitor (Box-Type)**

Serie No.: **I37003**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	14.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 4	

# EDCON-COMPONENTS



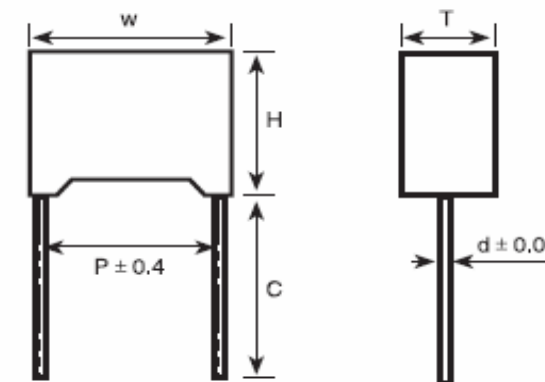
## Features

- Metallized Polypropylen structure
- Low Loss at high frequency
- Small inherent temperature rise
- Plastic case (UL94V-0), Epoxy resin sealing

## Dimensions

### Specifications

Reference Standard	GB/T 10190 (IEC 60384-16)
Climatic Category	40/105/21
Rated Temperature	. +85°C
Operating Temperature Range	. -40°C ~ +105°C
	(+85°C to +105°C ; decreasing factor 1,25% per °C for V <sub>R</sub> (dc))
Rated Voltage	160Vdc(90Vac); 250Vdc(160Vac); 400Vdc(220Vac); 630Vdc(250Vac); 1000Vdc(400Vac); 1600Vdc(600Vac); 2000Vdc(700Vac)
Capacitance Range	0,00056µF ~ 15,0µF
Capacitance Tolerance	J=5% , K=10%, N=15%
Voltage Proof	2000VAC ( 60s)
Dissipation Factor	≤ 0,0020 ( 1KHz, 20°C)
Insulation Resistance	≥ 3000s (20°C, 100V, 1Min)
Pitch Width	from 5,0mm ~ 27,5mm



Case Dimension table

Case Code	W ±0,4 (mm)	H ±0,4 (mm)	T ±0,4 (mm)	P (mm)
<b>A</b>	7,2	9,5	4,5	5,0

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,6mm

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Part No.: **I37003**

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# EDCON-COMPONENTS



## Ordering Informations

Serie	Range	Tolerance	Voltage	Case Code	Pitch Code	Lead Style	Lead Length C	ROHS	Packing Code	
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<b>I37003</b>	-	<b>183</b>	<b>M</b>	<b>401</b>	<b>A</b>	<b>2</b>	<b>N</b>	<b>LL</b>	<b>R</b>	<b>BU</b>
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<b>183</b> = 0,018µf	<b>M</b> = 20% Standard	<b>401</b> = 400VDC	<b>A</b> = look Case Dimension	<b>2</b> = 5,0mm	<b>N</b> = No function	<b>LL</b> = Long Lead (Standard)	<b>R</b> = ROHS Conform	<b>BU</b> = Bulk Ware
	<b>K</b> = 10%					<b>45</b> = Lead Length 4,5mm	<b>N</b> = NON ROHS Conform	<b>TB</b> = Tape Box
	<b>J</b> = 5%							<b>IV</b> = Individual Package
	<b>H</b> = 3%							
	<b>G</b> = 2%							

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Soldering Profile Curve

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



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