



# DATA SHEET

## Metallized polypropylene film capacitor (Box-Type)

### Serie: I37003

Code / Range **185= 1,8 $\mu$ f**

Code / Volt **401= 400VDC**

Width **32,0 mm**

Height **22,0 mm**

Thickness **13,0 mm**

Pitch **27,5 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



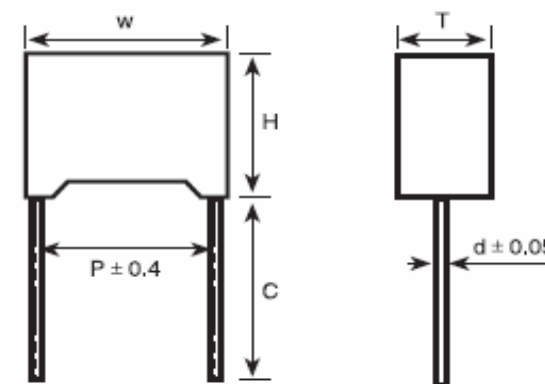
## Features

- 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>	32,0	22,0	13,0	27,5

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,8mm

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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>185</b>	<b>M</b>	<b>401</b>	<b>A</b>	<b>B</b>	<b>N</b>	<b>LL</b>	<b>R</b>	<b>BU</b>	
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<b>185=</b> 1,8µf	<b>M=</b> 20% Standard	<b>401=</b> 400VDC	<b>A=</b> look Case Dimension	<b>B=</b> 27,5mm	<b>N=</b> No function	<b>LL=</b> Long Lead (Standard) <b>45=</b> Lead Length 4,5mm	<b>R=</b> ROHS Conform <b>N=</b> NON ROHS Conform	<b>BU=</b> Bulk Ware <b>TB=</b> Tape Box <b>IV=</b> Individual Package
	<b>K=</b> 10%							
	<b>J=</b> 5%							
	<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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