



# DATA SHEET

## Metallized polypropylene film capacitor (Box-Type)

### Serie: I37002

Code / Range **273= 0,027 $\mu$ f**

Code / Volt **251= 250VDC**

Width **7,2 mm**

Height **7,5 mm**

Thickness **3,5 mm**

Pitch **5,0 mm**

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

Serie No.: **I37002**

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	7,5	3,5	5,0

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,5mm

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

Part No.: **I37002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	14.05.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 4		

# EDCON-COMPONENTS



## Ordering Informations

Serie	Range	Tolerance	Voltage	Case Code	Pitch Code	Lead Style	Lead Length C	ROHS	Packing Code	
-------	-------	-----------	---------	-----------	------------	------------	---------------	------	--------------	--

<b>I37002</b>	-	<b>273</b>	<b>M</b>	<b>251</b>	<b>A</b>	<b>2</b>	<b>N</b>	<b>LL</b>	<b>R</b>	<b>BU</b>
---------------	---	------------	----------	------------	----------	----------	----------	-----------	----------	-----------

<b>273=</b> 0,027µf	<b>M=</b> 20% Standard	<b>251=</b> 250VDC	<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%							

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

Part No.: **I37002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	14.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 4

Customer:



Soldering Profile Curve

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



<b>Metallized polypropylene film capacitor (Box-Type)</b>	
Part No.:	<b>I37002</b>
Customer:	

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