



DATA SHEET

Metallized polypropylene film capacitor (Box-Type)

Serie: I37002

Code / Range **153= 0,015µf**

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



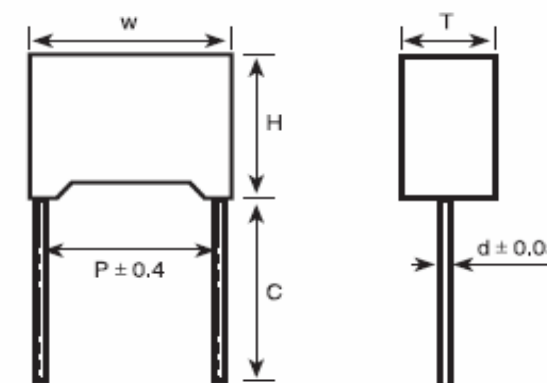
Features

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 _R (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)
A	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**

Customer:

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

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS



Ordering Informations

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

I37002	-	153	M	251	A	2	N	LL	R	BU
---------------	---	------------	----------	------------	----------	----------	----------	-----------	----------	-----------

153= 0,015µf	M= 20% Standard	251= 250VDC	A= look Case Dimension	2= 5,0mm	N= No function	LL= Long Lead (Standard)	R= ROHS Conform	BU= Bulk Ware
	K= 10%					45= Lead Length 4,5mm	N= NON ROHS Conform	TB= Tape Box
	J= 5%							IV= Individual Package
	H= 3%							
	G= 2%							

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

Part No.: **I37002**

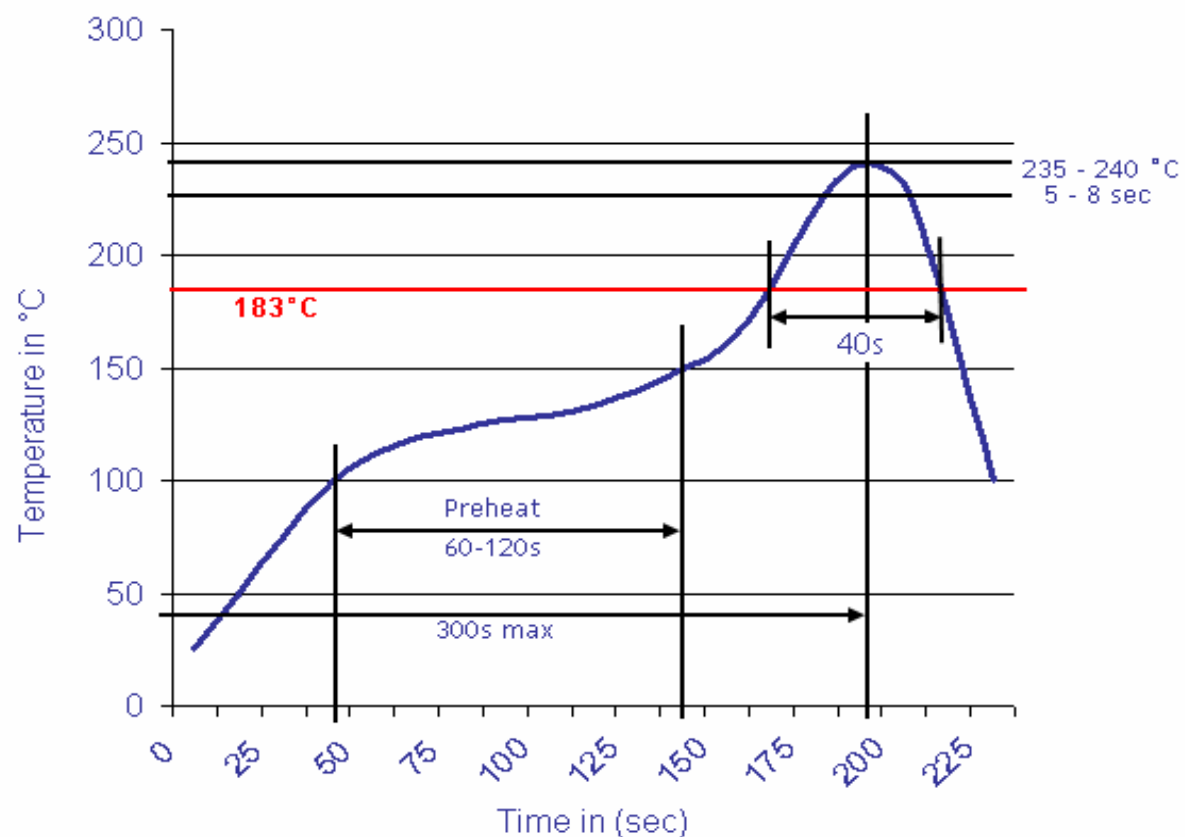
DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	14.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 4	

Customer:



Soldering Profile Curve

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


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

 Part No.: **I37002**

Customer:

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