



DATA SHEET

Metallized polypropylene film capacitor (Box-Type)

Serie: I37005

Code / Range **103= 0,010 μ f**

Code / Volt **102= 1000VDC**

Width **13,0 mm**

Height **12,0 mm**

Thickness **6,0 mm**

Pitch **10,0 mm**

Metallized polypropylene film capacitor (Box-Type)

Serie No.: **I37005**

Customer:

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

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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	13,0	12,0	6,0	10,0

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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Ordering Informations

Serie	Range	Tolerance	Voltage	Case Code	Pitch Code	Lead Style	Lead Length C	ROHS	Packing Code	
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I37005	-	103	M	102	A	4	N	LL	R	BU
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103 = 0,010µf	M = 20% Standard	102 = 1000VDC	A = look Case Dimension	4 = 10,0mm	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%										
H = 3%										
G = 2%										

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Customer:

email: info@edcon-components.com



Soldering Profile Curve

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



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