



DATA SHEET

Metallized polypropylene film capacitor (Box-Type)

Serie: I37004

Code / Range **105= 1,0 μ f**

Code / Volt **631= 630VDC**

Width **32,0 mm**

Height **22,0 mm**

Thickness **13,0 mm**

Pitch **27,5 mm**

Metallized polypropylene film
capacitor (Box-Type)

Serie No.: **I37004**

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	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

Metallized polypropylene film capacitor (Box-Type)

Part No.: **I37004**

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	
-------	-------	-----------	---------	-----------	------------	------------	---------------	------	--------------	--

I37004	-	105	M	631	A	B	N	LL	R	BU
---------------	---	------------	----------	------------	----------	----------	----------	-----------	----------	-----------

105 = 1,0µf	M = 20% Standard	631 = 630VDC	A = look Case Dimension	B = 27,5mm	N = No function	LL = Long Lead (Standard) 45 = Lead Length 4,5mm	R = ROHS Conform N = NON ROHS Conform	BU = Bulk Ware TB = Tape Box IV = Individual Package
	K = 10%							
	J = 5%							
	H = 3%							
	G = 2%							

Metallized polypropylene film capacitor (Box-Type)

Part No.: **I37004**

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.:	I37004
Customer:	

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