



DATA SHEET

Metallized polypropylene film capacitor (Box-Type)

Serie: I37006

Code / Range **272= 0,0027 μ f**

Code / Volt **162= 1600VDC**

Width **17,5 mm**

Height **11,0 mm**

Thickness **5,0 mm**

Pitch **15,0 mm**

Metallized polypropylene film capacitor (Box-Type)

Serie No.: **I37006**

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 $\pm 0,4$ (mm)	H $\pm 0,4$ (mm)	T $\pm 0,4$ (mm)	P (mm)
A	17,5	11,0	5,0	15,0

C $\pm 0,5$ (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d $\pm 0,05$ (mm)

d= 0,8mm

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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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I37006	-	272	M	162	A	6	N	LL	R	BU
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272= 0,0027µf	M= 20% Standard	162= 1600VDC	A= look Case Dimension	6= 15,0mm	N= No function	LL= Long Lead (Standard)	R= ROHS Conform	BU= Bulk Ware		
K= 10%	N= NON ROHS Conform								TB= Tape Box	
J= 5%										IV= Individual Package
H= 3%										
G= 2%										

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Soldering Profile Curve

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



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