



# DATA SHEET

**Double sided metallized polypropylene film capacitor Box**

**Serie: I42002**

Code / Range **333= 0,033 $\mu$ f**

Code / Volt **401= 400VDC**

Width **13,0 mm**

Height **11,0 mm**

Thickness **5,0 mm**

Pitch **10,0 mm**

**Double sided metallized  
polypropylene film capacitor  
Box**

Serie No.: **I42002**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	25.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

# EDCON-COMPONENTS



## Features

- Doublesided metallized polypropylen structure
- Low loss and small inherent temperature rise
- Negative temperature coefficient of capacitance
- Excellent active and passive flame resistance circuit

## Applications

- widely used in high voltage, high frequency and pulse circuit
- Deflection circuits in TV-sets ( S-correction and fly back tuning ) and monitors
- Lamp capacitor for electronic ballast and compact lamps
- SNUBBER and SCR commutating circuits

## Specifications

Reference Standard	GB/T 10190 (IEC 60384-16)	
Climatic Category	40/105/56	
Rated Temperature	. +85°C for $V_R(dc)$ ; 75°C for $V_R(ac)$	
Operating Temperature Range	. -40°C ~ +105°C	
	(+85°C to +105°C ; decreasing factor 1,25% per °C for $V_R(dc)$ (+75°C to +105°C: decreasing factor 1,35% per °C for $V_R(ac)$ )	
Rated Voltage	250V, 400V, 630V, 1000V, 1600V, 2000V	
Capacitance Range	0,00022 ~ 3,9 $\mu$ F	
Voltage Proof (Between Terminals)	1.60 $U_R$ (5s)	
Capacitance Tolerance	G=2%, H=3%, J=5% , K=10%, M=20%	
Dissipation Factor	$\leq 0,0010$ (1kHz, 20°C)	
Insulation Resistance	$\geq 50000M\Omega$ $C_R \leq 0,33\mu F$	(20°C, 100V, 1min)
	$\geq 15000s$ $C_R > 0,33\mu F$	

## Dimensions



Case Dimension table

Case Code	W $\pm 0,4$ (mm)	H $\pm 0,4$ (mm)	T $\pm 0,4$ (mm)	P (mm)
<b>A</b>	13,0	11,0	5,0	10,0
C $\pm 0,5$ (mm)	Standard Length 18~26mm (Size by Size)			

Short Lead 4,5mm

d  $\pm 0,05$  (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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<b>I42002</b>	<b>333</b>	<b>M</b>	<b>401</b>	<b>A</b>	<b>4</b>	<b>N</b>	<b>LL</b>	<b>R</b>	<b>BU</b>	
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<b>333= 0,033µf</b>	<b>M= 20% Standard</b>	<b>401= 400VDC</b>	<b>A= look Case Dimension</b>	<b>4= 10,0mm</b>	<b>N= No function</b>	<b>LL= Long Lead (Standard)</b>	<b>R= ROHS Conform</b>	<b>BU= Bulk Ware</b>
	<b>K= 10%</b>							
	<b>J= 5%</b>					<b>IV= Individual Package</b>		
	<b>H= 3%</b>							
	<b>G= 2%</b>							

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Soldering Profile Curve

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



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