



# DATA SHEET

**Double sided metallized polypropylene film capacitor Box**

**Serie: I42001**

Code / Range **824= 0,82 $\mu$ f**

Code / Volt **251= 250VDC**

Width **32,0 mm**

Height **18,0 mm**

Thickness **9,0 mm**

Pitch **27,5 mm**

**Double sided metallized  
polypropylene film capacitor  
Box**

Serie No.: **I42001**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	25.05.2011	Customer:
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 ~ 3,9μF	
Voltage Proof (Between Terminals)	1.60U <sub>R</sub> (5s)	
Capacitance Tolerance	G=2%, H=3%, J=5% , K=10%, M=20%	
Dissipation Factor	≤ 0,0010 (1kHz, 20°C)	
Insulation Resistance	≥ 50000MΩ C <sub>R</sub> ≤0,33μF ≥ 15000s C <sub>R</sub> >0,33μF	(20°C, 100V, 1min)

## Dimensions



### Case Dimension table

Case Code	W ±0,4 (mm)	H ±0,4 (mm)	T ±0,4 (mm)	P (mm)
<b>A</b>	32,0	18,0	9,0	27,5
C ±0,5 (mm)				

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,8mm

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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>I42001</b>	<b>824</b>	<b>M</b>	<b>251</b>	<b>A</b>	<b>B</b>	<b>N</b>	<b>LL</b>	<b>R</b>	<b>BU</b>	
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<b>824=</b> 0,82µf	<b>M=</b> 20% Standard	<b>251=</b> 250VDC	<b>A=</b> look Case Dimension	<b>B=</b> 27,5mm	<b>N=</b> No function	<b>LL=</b> Long Lead (Standard)	<b>R=</b> ROHS Conform	<b>BU=</b> Bulk Ware
	<b>K=</b> 10%					<b>45=</b> Lead Length 4,5mm	<b>N=</b> NON ROHS Conform	<b>TB=</b> Tape Box
	<b>J=</b> 5%							<b>IV=</b> Individual Package
	<b>H=</b> 3%							
	<b>G=</b> 2%							

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Soldering Profile Curve

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



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APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 4	