

# EDCON-COMPONENTS



## Technical Description

Non-Inductive structure, metallized polyester film non-inductive, wound construction  
 Wide capacitance range, small size  
 Long life due to self-healing effects.  
 Suitable for block, by-pass and coupling of DC and signals to VHF range  
 Widely used in filter, noise suppression and low pulse circuits.  
 Non-inductive, wound with metallized polyester film as dielectric and electrode, copper-clad steel leads or flexible cord, and outer wrapped with polyester and sealed with epoxy resin.

## Drawing



Dimension (mm)		
Case Code B	H=	9,0
	L=	27,5

## Specifications

Reference Standard	GB/T 7332 (IEC 60384-2)	
	55 / 105 / 21	
Reference Standard	Derating ratio of rated voltage +85°C + 105°C 1.25% per °C for CR (DC)	
Rated Voltage (VDC)	100V, 160V, 250V, 400V, 630V, 1000V, 1200V	
Capacitance Range	0,001µF ~ 30µF	
Capacitance Tolerance	± 5% (J), ±10% (K), ±20% (M)	
Voltage Proof	1.6Ur (5s)	
Dissipation Factor	≤ 1.0% (20°C, 1KHz)	
Insulation Resistance	≥ 33000M Ω (CR ≤ 0,33µF)	( 20°C , 1min)
	≥ 10000 s (CR ≤ 0,33µF)	

## Metallized Polyester Film Capacitor Axial Type

Part No.: **I32001**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.07.2010	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 3		

# EDCON-COMPONENTS



## Ordering Informations

Serie	Voltage	Case Code	Range Code	Tolerance Code	ROHS	Packing				
-------	---------	-----------	------------	----------------	------	---------	--	--	--	--

<b>I32001</b>	-	<b>102</b>	<b>B</b>	<b>104</b>	<b>M</b>	<b>R</b>	<b>BU</b>			
---------------	---	------------	----------	------------	----------	----------	-----------	--	--	--

<b>102=</b> 1000V	<b>B=</b> Look Case Code Dimension	<b>104=</b> 100nF	<b>M=</b> ±20%	<b>R=</b> ROHS Conform	<b>BU=</b> Bulk-Ware
			<b>K=</b> ±10%		
			<b>J=</b> ±5%		
					<b>TR=</b> Tape Reel

**Metallized Polyester Film Capacitor Axial Type**

Part No.: **I32001**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.07.2010
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 3	Customer:

[www.edcon-components.com](http://www.edcon-components.com)

email: [info@edcon-components.com](mailto:info@edcon-components.com)



Soldering Profile Curve

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



**Metallized Polyester Film Capacitor Axial Type**

Part No.: **I32001**

Customer:

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	12.07.2010
APPD:	Schumi			FINISH	Jamy		Sheet No.	3 from 3	