

# EDCON-COMPONENTS



## Technical Description

Non-Inductive structure, down-leads axial and horizontally.  
 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 metalized 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)		
Size Code A	H=	8,5
	L=	20,5

## Specifications

Reference Standard	GB 7334-87	
	40 / 85 / 21	
Reference Standard	Derating ratio of rated voltage +85°C + 105°C 1.25% per °C for CR (DC)	
Rated Voltage	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	≥ 7500M Ω (CR ≤ 0,33μF)	( 20°C , 1min)
	≥ 2500 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	Size Code	Range Code	Tolerance Code	ROHS	Packing				
-------	---------	-----------	------------	----------------	------	---------	--	--	--	--

<b>I32001</b>	-	<b>101</b>	<b>A</b>	<b>684</b>	<b>M</b>	<b>R</b>	<b>B101</b>			
---------------	---	------------	----------	------------	----------	----------	-------------	--	--	--

<b>101</b> = 100V	<b>A</b> = Look Case Code Dimension	<b>684</b> = 680nF	<b>M</b> = ±20%	<b>R</b> = ROHS Conform	<b>B101</b> = Bulk-Ware 100PCS
<b>K</b> = ±10%					
<b>J</b> = ±5%					
					<b>TR102</b> = Tape Reel 1000PCS

**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:



Soldering Profile Curve

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



**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.	3 from 3	Customer: