

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=	5,2
	L=	12,0

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				
-------	---------	-----------	------------	----------------	------	---------	--	--	--	--

I32001	101	B	184	M	R	BU				
---------------	------------	----------	------------	----------	----------	-----------	--	--	--	--

101= 100V	B= Look Case Code Dimension	184= 180nF	M= ±20%	R= ROHS Conform	BU= Bulk-Ware
			K= ±10%		
			J= ±5%		
					TR= 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

email: info@edcon-components.com



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: