



DATA SHEET

Double sided metallized polypropylene film capacitor Box

Serie: I41001

Code / Range **183= 0,018 μ f**

Code / Volt **251= 250VAC**

Width **13,0 mm**

Height **12,0 mm**

Thickness **6,0 mm**

Pitch **10,0 mm**

**Double sided metallized
polypropylene film capacitor
Box**

Serie No.: **I41001**

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

Pulse application with high . AC. voltage and HIGH current
electronic lighting (i.e. car headlamp and lighting ballast)

Specifications

Referance Standard	GB/T 14579 (IEC 60384-17)	
Climatic Category	40/105/56	
Rated Temperature	. +85°C	
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	250Vac (630Vdc), 300Vac(800Vdc)	
	400Vac (1000Vdc), 500Vac(1600Vdc)	
	700Vac (2000Vdc), 900Vac(2500Vdc)	
Capacitance Range	0,00022 ~ 0,12µF	
Voltage Proof (Between Terminals)	1.60U _R (5s)	
Capacitance Tolerance	G=2%, H=3%, J=5% , K=10%, M=20%	
Disspation Factor	≤ 0,0010 (1kHz, 20°C)	
Insulation Resistance	≥ 50000MΩ C _R ≤0,33µF	(20°C, 100V, 1min
	≥ 15000s C _R >0,33µF	

Dimensions



Case Dimension table

Case Code	W ±0,4 (mm)	H ±0,4 (mm)	T ±0,4 (mm)	P (mm)
A	13,0	12,0	6,0	10,0
C ±0,5 (mm)				

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±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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I41001	-	183	M	251	A	4	N	LL	R	BU
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183 = 0,018µf	M = 20% Standard	251 = 250VAC	A = look Case Dimension	4 = 10,0mm	N = No function	LL = Long Lead (Standard)	R = ROHS Conform	BU = Bulk Ware
	K = 10%					45 = Lead Length 4,5mm	N = NON ROHS Conform	TB = Tape Box
	J = 5%							IV = Individual Package
	H = 3%							
	G = 2%							

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Soldering Profile Curve

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



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