



DATA SHEET

Double sided metallized polypropylene film capacitor Box

Serie: I42003

Code / Range **102= 0,0010µf**

Code / Volt **631= 630VDC**

Width **10,5 mm**

Height **9,0 mm**

Thickness **4,0 mm**

Pitch **7,5 mm**

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polypropylene film capacitor
Box**

Serie No.: **I42003**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	26.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 4	

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Features

Doublesided metallized polypropylen structure
Low loss and small inherent temperature rise
Negative temperature coefficient of capacitance
Excellent active and passive flame resistance circuit

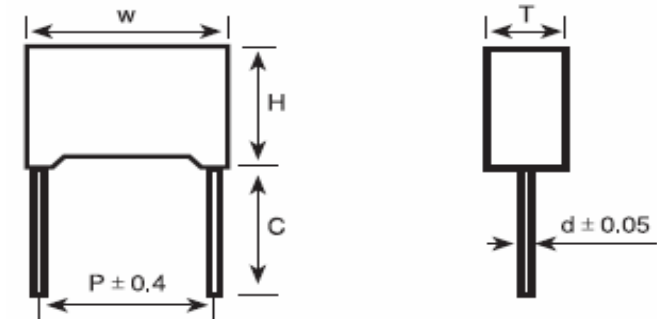
Applications

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 _R (5s)	
Capacitance Tolerance	G=2%, H=3%, J=5% , K=10%, M=20%	
Dissipation 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	10,5	9,0	4,0	7,5
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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I42003	-	102	M	631	A	3	N	LL	R	BU
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102= 0,0010µf	M= 20% Standard	631= 630VDC	A= look Case Dimension	3= 7,5mm	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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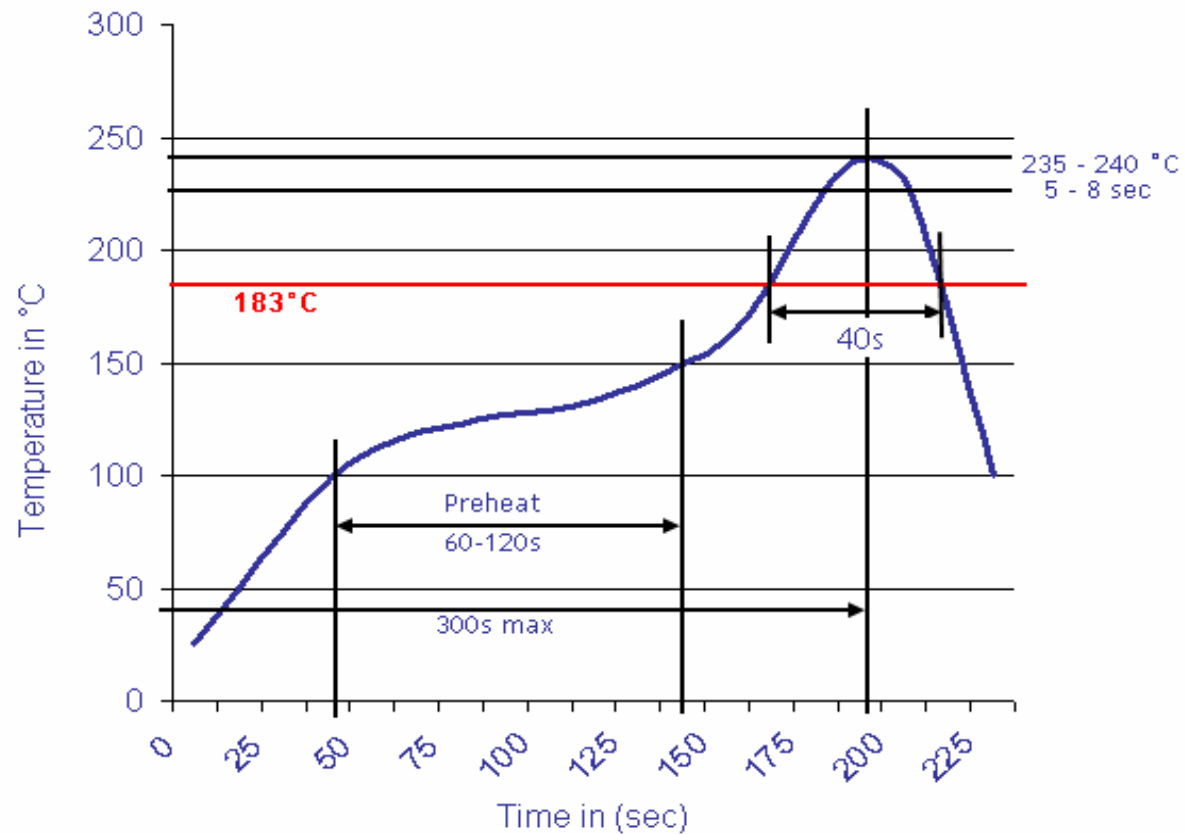
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Soldering Profile Curve

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



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