



DATA SHEET

Metallized polypropylene film capacitor Box-Type

Serie: I40002

Code / Range **182= 0,0018 μ f**

Code / Volt **501= 500VAC**

Width **10,5 mm**

Height **9,0 mm**

Thickness **4,0 mm**

Pitch **7,5 mm**

**Metallized polypropylene film
capacitor Box-Type**

Serie No.: **I40002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.05.2011	Customer:
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Features

Low Cost at high frequency

Small inherent temperature rise, high temperature range

Plastic case (UL94V-0) Epoxy resin sealing

Dimensions

Applications

Pulse applications with high A.C. voltage and high current

Electrical lighting (i.e. Electric ballast, E-HID)

High frequency A.C.loads

Specifications

Referance Standard	GB/T 14579 (IEC 60384-17)	
Climatic Category	55/125/56	
Rated Temperature	+85°C	
Operating Temperature Range	-55°C ~ +125°C	
	(+85°C to +125°C ; decreasing factor 1,25% per °C for V _R (dc)	
Voltage Proof (Between Terminals)	1.60U _R (5s)	
Capacitance Tolerance	H=3% , J=5%, K=10%	
Dissipation Factor	≤ 0,0010 (1KHz, 20°C)	
Insulation Resistance	≥75 * 10 ³ MΩ (20°C, 100V ,1min)	
Pitch Width	from 7,5mm ~ 22,5mm	

Rated Voltage	400VAC		500VAC		600VAC		700VAC		900VAC	
Pitch (mm)	7,5	≥7,5	7,5	≥7,5	≤10,0	≥10,0	10	≥10,0	15	≥15,0
VDC ©	1000	1300	1300	1400	1400	1600	1600	2000	2500	



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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Part No.: **I4002**

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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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I40002	182	K	501	A	3	N	LL	R	BU	
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182= 0,0018µf	K= 10% Standard	501= 500VAC	A= look Case Dimension	3= 7,5mm	N= No function	LL= Long Lead (Standard)	R= ROHS Conform	BU= Bulk Ware
	J= 5%					45= Lead Length 4,5mm	N= NON ROHS Conform	TB= Tape Box
	H= 3%							IV= Individual Package

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Customer:



Soldering Profile Curve

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



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