



DATA SHEET

Metallized polypropylene film capacitor Box-Type

Serie: I40002

Code / Range **823= 0,082 μ f**

Code / Volt **501= 500VAC**

Width **26,5 mm**

Height **18,5 mm**

Thickness **10,0 mm**

Pitch **22,5 mm**

**Metallized polypropylene film
capacitor Box-Type**

Serie No.: **I40002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.05.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 4		

EDCON-COMPONENTS



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%	
Disspation 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	26,5	18,5	10,0	22,5

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,8mm

Metallized polypropylene film capacitor Box-Type

Part No.: **I4002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.05.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	2 from 4		

www.edcon-components.com

email: info@edcon-components.com

EDCON-COMPONENTS



Ordering Informations

Serie	Range	Tolerance	Voltage	Case Code	Pitch Code	Lead Style	Lead Length C	ROHS	Packing Code	
-------	-------	-----------	---------	-----------	------------	------------	---------------	------	--------------	--

I40002	-	823	K	501	A	9	N	LL	R	BU
---------------	---	------------	----------	------------	----------	----------	----------	-----------	----------	-----------

823 = 0,082µf	K = 10% Standard	501 = 500VAC	A = look Case Dimension	9 = 22,5mm	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

**Metallized polypropylene film
capacitor Box-Type**

Part No.: **I40002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 4

Customer:

email: info@edcon-components.com



Soldering Profile Curve

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



Metallized polypropylene film capacitor Box-Type	
Part No.:	I40002
Customer:	

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	21.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 4	