



DATA SHEET

Metallized polypropylene film capacitor Box-Type

Serie: I40003

Code / Range **183= 0,018 μ f**

Code / Volt **601= 600VAC**

Width **17,5 mm**

Height **13,5 mm**

Thickness **7,5 mm**

Pitch **15,0 mm**

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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

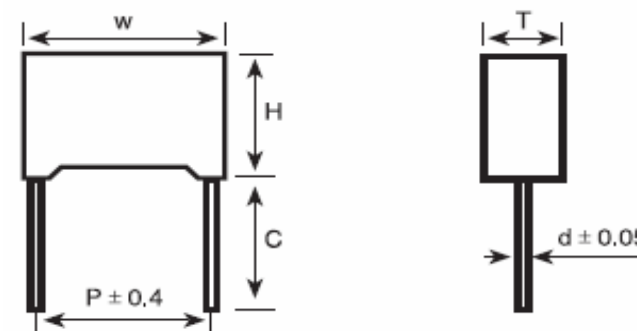
Electrical lighting (i.e. Electric ballast, E-HID)

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%	
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	17,5	13,5	7,5	15,0

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,8mm

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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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I40003	-	183	K	601	A	6	N	LL	R	BU
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183 = 0,018µf	K = 10% Standard	601 = 600VAC	A = look Case Dimension	6 = 15,0mm	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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Soldering Profile Curve

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



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