



DATA SHEET

Uncoated Metallized Polyethelene Naphthalate Film Capacitor Stacked Type

Serie: I19009

Code / Range **103= 0,010 μ f**

Code / Volt **401= 400VDC**

Width **6,5 mm**

Height **4,2 mm**

Thickness **2,3 mm**

Pitch **5,0 mm**

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DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	11.06.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

Customer:

EDCON-COMPONENTS



Features

High pulse strength
 High reliability
 Operating temperature: -55°C ~ +150°C

Applications

Widely used in high-power CFL and electrical lighting (i.e, Automotive HID-Lamps)
 DC impulse and pulse circuits (High temperature condition)

Specifications

Reference Standard	Q/ 052-2008				
Climatic Category	55/150/56				
Rated Temperature	125°C				
Operating Temperature Range	-55°C ~ +150°C (+125°C to +150°C ; decreasing factor 1,25% per °C for V _R (dc))				
Rated Voltage	250, 400, 630, 1000Volt				
Capacitance Range	0,0010 ~ 0,22µF				
Voltage Proof (Between Terminals)	1.40U _R (2s)				
Capacitance Tolerance	J=5% , K=10% , M=20%				
Dissipation Factor	≤ 0,0080 (20°C, 1KHz) ≤ 0,0150 (20°C, 10KHz)				
Insulation Resistance	≥ 10GΩ (20°C, 100V , 1min)				
Maximum Pulse Rise Time dV/dt (V/s)	UR /P(mm)	250V	400V	630V	1000V
	5,0	250	300	2000	3000
	7,5	200	275	1600	2000
	10,0	150	175	1000	1500

Dimensions



Case Dimension table

Case Code	W ±0,4 (mm)	H ±0,4 (mm)	T ±0,4 (mm)	P (mm)
A	6,5	4,2	2,3	5,0
C ±0,5 (mm)				
Standard Length 18~22mm (Size by Size)				
Short Lead 4,5mm				

d ±0,05 (mm)

d= 0,6mm

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APPD:	Schumi			FINISH	Jamy		Sheet No.		2 from 4

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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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I19009	103	M	401	A	2	N	LL	R	BU	
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103 = 0,010µf	M = 20% Standard	401 = 400VDC	A = look Case Dimension	2 = 5,0mm	N = No function	LL = Long Lead (Standard)	R = ROHS Conform	BU = Bulk Ware
	K = 10%							
	J = 5%					IV = Individual Package		

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Soldering Profile Curve

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



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APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 4	Customer: