



DATA SHEET

Metallized polypropylene film interference suppression capacitor Y2 Class

Serie: I24002

Code / Range **683= 0,068 μ f**

Code / Volt **301= 300VAC**

Width **26,5 mm**

Height **16,0 mm**

Thickness **7,0 mm**

Pitch **22,5 mm**

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interference suppression
capacitor Y2 Class**

Serie No.: **I24002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	20.05.2011	Customer:
APPD:	Schumi			FINISH	Jamy		Sheet No.	1 from 4		

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Features

- Metallized polypropylene structure
- Withstanding overvoltage stressing
- Excellent active and passive flame resistant abilities
- Widely used in in line to ground, line-by-pass, antenna coupling interference suppression

Dimensions

Specifications

Climatic Category/ passive Flammability Class	40/110/56B	
Operating Temperature Range:	-40°C ~ +110°C	
Class	Y2	
Rated Voltage:	300VAC	
Maximum continuous AC voltage	480VAC	
Maximum continuous DC voltage	1250VDC	
Capacitance Range:	0,0010µF ~ 1,0µF	
Capacitance Tolerance:	± 10% (K), ± 20% (M)	
Voltage Proof	Between Terminals:	2000/3400 (Vacc) (2s)
	Between Terminals to Case:	2380 (Vac) (1min)
Insulation Resistance	≥15000MΩ, C _R ≤0,33µF	(20°C, 100V, 1min)
	≥5000s, C _R ≤0,33µF	
Dissipation Factor	≤30x10 ⁻⁴ (1kHz,20°C)	≤40x10 ⁻⁴ (10kHz,20°C)



Case Dimension table

Case Code	W ±0,4 (mm)	H ±0,4 (mm)	T ±0,4 (mm)	P (mm)
A	26,5	16,0	7,0	22,5

C ±0,5 (mm)

Standard Length 18~26mm (Size by Size)

Short Lead 4,5mm

d ±0,05 (mm)

d= 0,8mm

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 	IEC 60384-14:2005, Y2 250VAC; 0,001µF~1,0µF, 40/110/56B (Certificate No.) CQC040001009958					
	EN 60384-14:2005 Y2 30VAC; 0,001µF~1,0µF, 40/110/56B (Certificate No.) SE/0366-2B Ref. No. 916516					
	UL1414, CSA C22.2 No.1, 250VAC, 0,0047µF to 1,0µF (Certificate No.) E186600					
	UL1283, CSA C22.2 No.8 300/480VAC, 0,010µF ~ 1,0µF (Certificate No.) E186662					
CB Test Certificate		IEC 60384-14:2005 Y2, 300VAC, 0,001µF ~ 1,0µF, 40/110/56B (Certificate No.): SE-60440				

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Customer:									

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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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I24002	683	M	301	A	9	N	LL	R	BU	
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683= 0,068µf	M= 20% Standard K= 10%	301= 300VAC	A= look Case Dimension	9= 22,5mm	N= No function	LL= Long Lead (Standard) 45= Lead Length 4,5mm	R= ROHS Conform N= NON ROHS Conform	BU= Bulk Ware TB= Tape Box IV= Individual Package
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Soldering Profile Curve

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



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