



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 **17,0 mm**

Thickness **8,5 mm**

Pitch **22,5 mm**

**Metallized polypropylene film
interference suppression
capacitor Y2 Class**

Serie No.: **I24002**

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

Customer:

EDCON-COMPONENTS



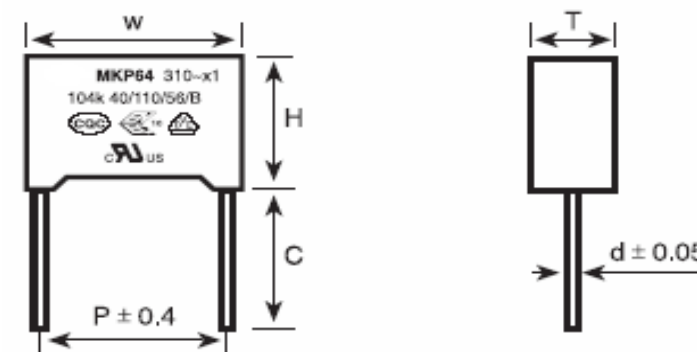
Features

- 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)
B	26,5	17,0	8,5	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
interference suppression
capacitor Y2 Class**

Part No.: **I24002**

 	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					

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	20.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		2 from 4
Customer:									

EDCON-COMPONENTS



Ordering Informations

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

I24002	-	683	M	301	B	9	N	LL	R	BU
---------------	---	------------	----------	------------	----------	----------	----------	-----------	----------	-----------

683 = 0,068µf	M = 20% Standard K = 10%	301 = 300VAC	B = 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
----------------------	---	---------------------	--------------------------------	-------------------	------------------------	---	--	---

**Metallized polypropylene film
interference suppression
capacitor Y2 Class**

Part No.: **I24002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	20.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 4

Customer:



Soldering Profile Curve

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



**Metalized polypropylene film
 interference suppression
 capacitor Y2 Class**

Part No.: **I24002**

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