



# DATA SHEET

**Metallized polypropylene film A.C. capacitor for capacitive divider**

**Serie: I38002**

Code / Range **334= 0,33 $\mu$ f**

Code / Volt **251= 250VAC**

Width **17,5 mm**

Height **16,0 mm**

Thickness **10,0 mm**

Pitch **15,0 mm**

**Metallized polypropylene film  
A.C. capacitor for capacitive  
divider**

Serie No.: **I38002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	15.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		1 from 4

Customer:

# EDCON-COMPONENTS



## Features

This is specifically designed for applications in serial with the main i.e.: capacitive divider, for example, energy meter, LED driver etc.

Metallized polypropylene

Good self-healing properties, withstanding overvoltage stressing

Long stability of capacitance

Good properties in damp environment

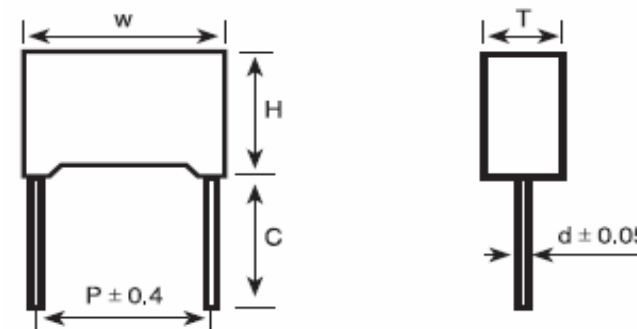
Excellent active and passive flame resistant abilities.

## Dimensions

### Specifications

Referance Standard	GB/T 14579 (IEC 60384-17)		
Climatic Category	55/105/56		
Rated Temperature	+85°C		
Operating Temperature Range	-55°C ~ +105°C		
	(+85°C to +105°C ; decreasing factor 1,25% per °C for V <sub>R</sub> (dc)		
Rated Voltage	230VAC	250VAC	275VAC
Maximum continious DC voltage	400VDC	560VDC	630VDC
Capacitance Range	0,033~4,7µF	0,01~4,7µF	0,01~2,2µF
Voltage Proof (Between Terminals)	640VDC (2s)	900VDC (2s)	1500VDC (2s)
Capacitance Tolerance	J=5% , K=10%, M=20%		
Disspation Factor	≤ 0,0020 ( 1KHz, 20°C)		
Insulation Resistance	≥ 15000MΩ, C <sub>R</sub> ≤0,33µF		
	≥ 5000s, C <sub>R</sub> ≤0,33µF ( 20°C, 100V, 1min)		
Pitch Width	from 7,5mm ~ 27,5mm		

Note: For long lifetime and continious working, please choose 275VAC and upwards voltage.



### Case Dimension table

Case Code	W ±0,4 (mm)	H ±0,4 (mm)	T ±0,4 (mm)	P (mm)
<b>A</b>	17,5	16,0	10,0	15,0

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  
A.C. capacitor for capacitive  
divider**

Part No.: **I38002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	15.05.2011
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	
-------	-------	-----------	---------	-----------	------------	------------	---------------	------	--------------	--

<b>I38002</b>	-	<b>334</b>	<b>M</b>	<b>251</b>	<b>A</b>	<b>6</b>	<b>N</b>	<b>LL</b>	<b>R</b>	<b>BU</b>
---------------	---	------------	----------	------------	----------	----------	----------	-----------	----------	-----------

<b>334=</b> 0,33µf	<b>M=</b> 20% Standard <b>K=</b> 10% <b>J=</b> 5%	<b>251=</b> 250VAC	<b>A=</b> look Case Dimension	<b>6=</b> 15,0mm	<b>N=</b> No function	<b>LL=</b> Long Lead (Standard) <b>45=</b> Lead Length 4,5mm	<b>R=</b> ROHS Conform <b>N=</b> NON ROHS Conform	<b>BU=</b> Bulk Ware <b>TB=</b> Tape Box <b>IV=</b> Individual Package
--------------------	---	--------------------	-------------------------------	------------------	-----------------------	---	--	--

**Metallized polypropylene film  
A.C. capacitor for capacitive  
divider**

Part No.: **I38002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	15.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.		3 from 4

Customer:



Soldering Profile Curve

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



**Metalized polypropylene film  
 A.C. capacitor for capacitive  
 divider**

Part No.: **I38002**

DRW:	Jason	CHKD	Wilson	MATL:	Wilson	TOLERANCE	Mason	DATE	15.05.2011
APPD:	Schumi			FINISH	Jamy		Sheet No.	4 from 4	Customer: