

# B32320I

**NEW**

## Features

- Plastic can, round type
- Voltage range: 350 VDC
- Capacitance: 65  $\mu$ F
- Safety protection: Thermal fuse
- Low ESR < 10 mOhm
- PCB mounting
- Temperature: - 25°C ... + 65°C
- Ultra compact 0.9 $\mu$ F/cm<sup>3</sup>
- Dry
- Non Polar



## Main application

- DC link position
- RF Filtering in DC link



# AC Capacitors B3331V Series

**NEW**

## Construction

- Metallized polypropylene film
- Plastic can with resin top
- Dry type resin

## Features

- Self-healing properties
- Low dissipation factor
- Low  $R_s$
- Safety protection with thermal fuse fitted inside the capacitor
- High insulation resistance

## Applications

- Frequency converter DC link
- RF filter capacitor in DC link
- Inverter in home appliances

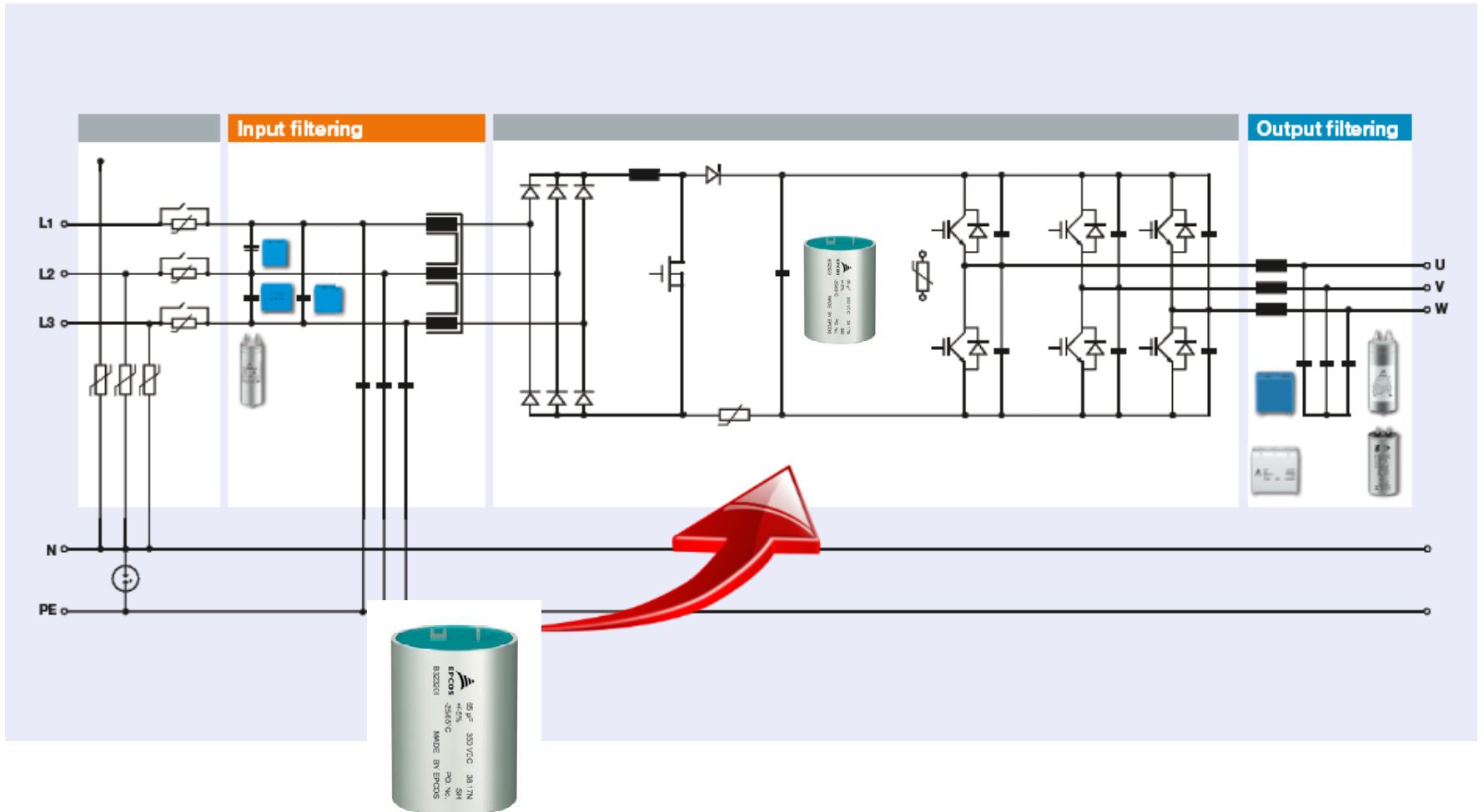
## Terminals

- Brass tabs 5.5 x 0.6 mm for PCB mounting



# Where to be used?

## Block diagram medium power inverters



# Rating and marking

## Ordering code

Rated voltage V DC	C <sub>R</sub> μF	Dimension mm		Packaging unit	Ordering code
		D	L		
350	65	40	58	170	B32320I2656J11

## Marking



CxμF  
Tx %  
-25/65°C

VDC

MADE

WW.YYN  
SH

PO. No.  
BY EPCOS

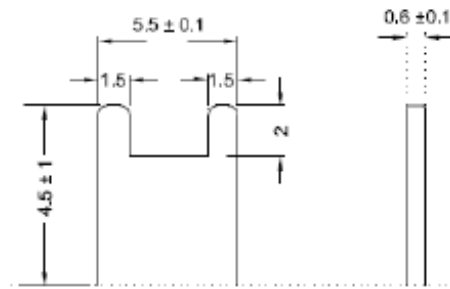
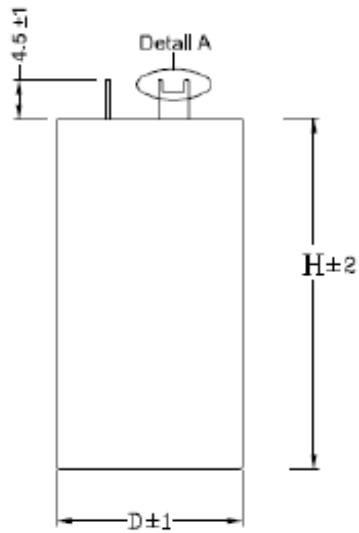
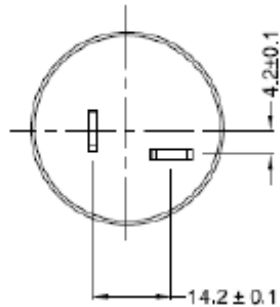
### Marking nomenclature:

Cx Rated capacitance  
V DC Rated DC voltage  
Tx Tolerance in %  
SH Self-healing type MPP capacitor  
-25/86 Lower temperature limit -25°C  
Upper temperature limit +65°C  
ww.yyN Batch number/manufacturing week  
PO. No. Ordering code

# B33331V: Drawing

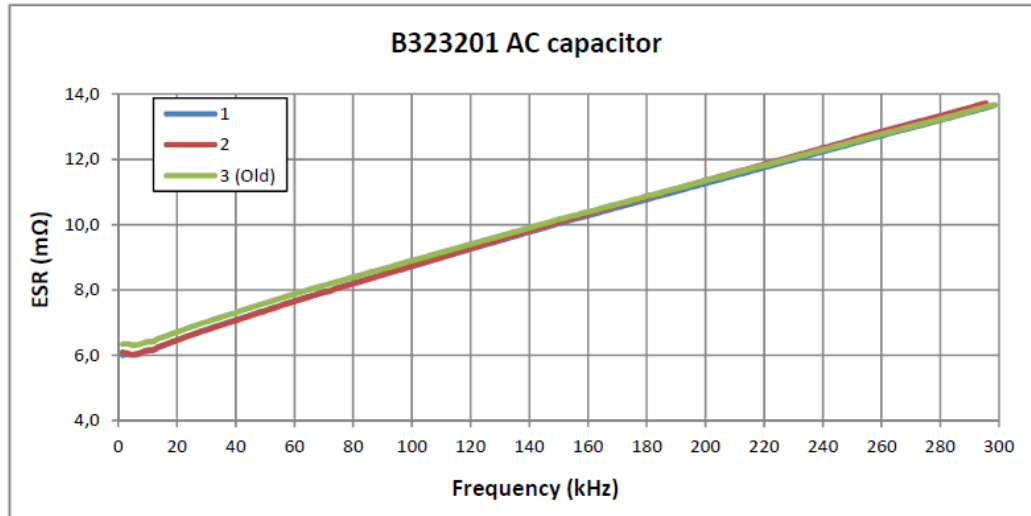
## Dimensional drawings

Terminal Pattern from Top side

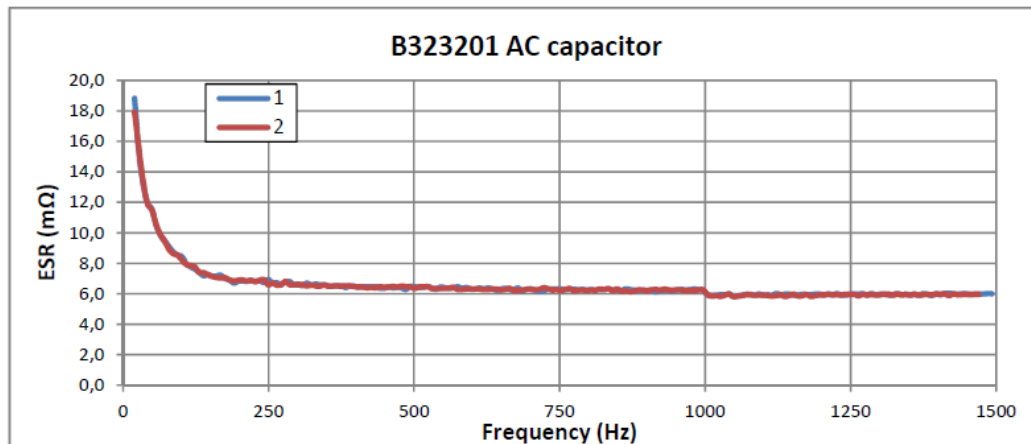


Detail A

# B33331V: Measured ESR values over frequency



Below ESR vs frequency at low frequency, from 20 Hz to 1500 Hz for samples 1&2:





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