

# LN252 common mode choke



## Product features:

It is used for switching power supply, suppressing common mode interference signal.

Product picture : (the printed words are for reference only, subject to the actual product)



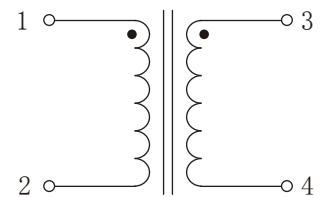
## Technical index:

- Installation method: PCB
- Flame resistance: UL94-V0
- Operating temperature:  $-20^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- Storage temperature:  $-20^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- Operating voltage: 250V
- Inrush current: 20 times the rated current (10 ms)
- Dielectric strength: 1.5KV/1min (between two coils)  
4KV/1min (between coil&shell)

Electrical parameters: ( The following parameters are typical values and actual values will be subject to product testing )

Model	LN252-1	LN252-2	LN252-4	LN252-6	LN252-8	LN252-10	Unit
Rated current	1	2	4	6	8	10	A
Inductance	68	18	6.8	3.9	2.7	1.8	mH
DC resistance	1300	350	87	41	22	14	m $\Omega$
Inductance error	-30% ~ +50%						%
Inductance test conditions	10KHz, 0.3V						
Weight	54						g

## Schematic diagram:



## Dimensions (in mm $\pm 0.5$ ) :

