

LN242 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:

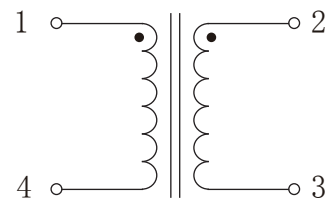
- Installation method: PCB
- Flame resistance: UL94-V0
- Operating temperature: $-20^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- Storage temperature: $-20^{\circ}\text{C} \sim +100^{\circ}\text{C}$
- Operating voltage: 250V
- Inrush current: 20 times the rated current (10 ms)
- Dielectric strength: 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	LN242 -0.5	LN242 -1	LN242 -1.4	LN242 -2	LN242 -4	LN242 -6	Unit
Rated current	0.5	1	1.4	2	4	6	A
Inductance	82	33	27	6.8	3.3	1.8	mH
DC resistance	2700	800	500	190	66	20	m Ω
Inductance error	-30% ~ +50%						%
Inductance test conditions	10KHz, 0.3V						
Weight	33						g

Schematic diagram:



Dimensions (in mm ± 0.5) :

