

Model:LN142-1

**Characteristics:**

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

**Technical index:**

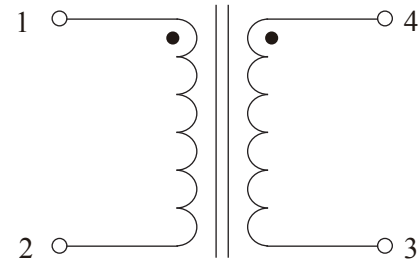
- Installation method: PCB
- Flame resistance: UL94-V0
- Operating temperature: -20°C ~ +100°C
- Storage temperature: -20°C ~ +100°C
- Frequency range: DC ~ 1KHz
- Dielectric strength: 1.5KV/1min (between two coils)  
4KV/1min (between coil & shell)



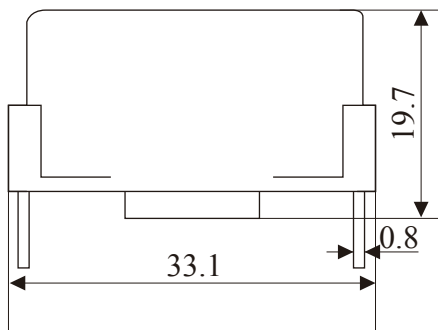
**Electrical parameters:**

Rated current	1	A
Inductance 1KHz,0.3V	33	mH
Inductance error	-30 ~ +50	%
DC resistance	800	mΩ
Maximum operating voltage	250	V
Permissible inrush current	20 times of rated current(ms)	
Weight	33	g

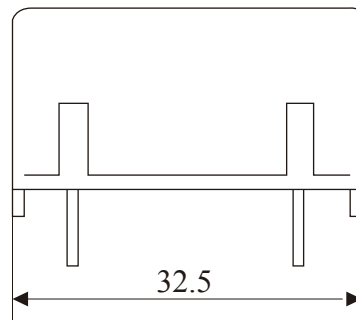
**Schematic wiring diagram:**



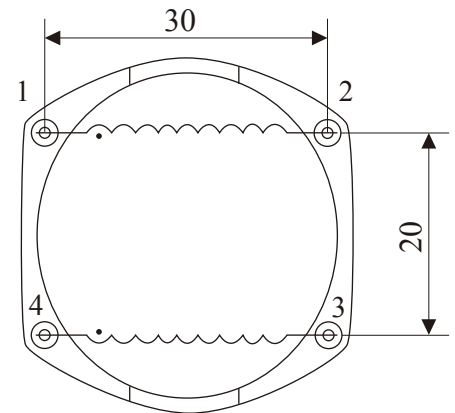
**Dimensions(in mm):**



Front View



Side View



Bottom View