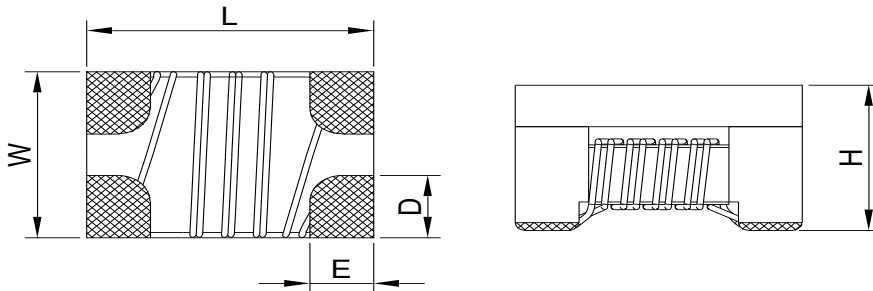


Product Outline

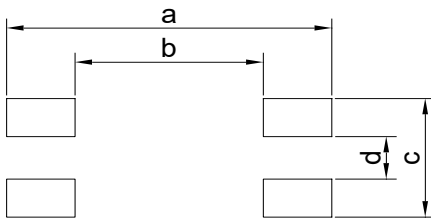
- Wire wound common mode chokes.
- It has good tin coating property.
- Wide band has good impedance characteristics, which can effectively suppress high frequency clutter.
- It is widely used in USB 2.0 interface of PC and peripheral equipment, digital AV equipment, LVDS cable of notebook computer, LCD.
- RoHS compliant.



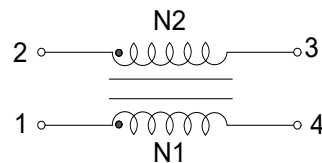
Dimensions



Recommended Land Patterns



Schematics



Unit: mm

Type	L	W	H	D	E	a	b	c	d	Packaging (pcs/reel)
WFCM4532L	4.5±0.2	3.2±0.2	2.8±0.2	1.2	1.0	4.8	2.5	3.8	0.7	500

Dimensions without tolerance are typical.

Electrical Characteristics(at 25°C)

Part Number	Inductance (uH) at 100kHz/0.1V	Impedance ① (Ω) at 10MHz	DCR ② (mΩ) Max.	Insulation Resistance (MΩ) Min	Rated Voltage (V) Max.	Rated Current ③ (mA) Max.
WFCM4532L-110	11 +50%/-30%	300 Min. (600 Typ.)	600	10	50	250
WFCM4532L-220	22 +50%/-30%	500 Min. (1200 Typ.)	1000	10	50	200
WFCM4532L-510	51 +50%/-30%	1000 Min. (2800 Typ.)	1000	10	50	200
WFCM4532L-101	100 +50%/-30%	2000 Min. (5800 Typ.)	2000	10	50	150

Note:

- ① Impedance measured on a 4991A Keysight Technologies or equivalent.
- ② DCR measured on a micro-ohmmeter(Single winding).
- ③ Rated current: The DC current at which the temperature rise is $\Delta T=40^{\circ}\text{C}$ ($T_a=25^{\circ}\text{C}$), measuring pin1 to 2, short pin3,4.