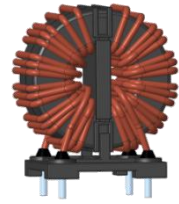


Product features:

- Excellent resistance frequency characteristics
- Good temperature stability
- High resonant frequency
- Wide range of inductance values

Application area:

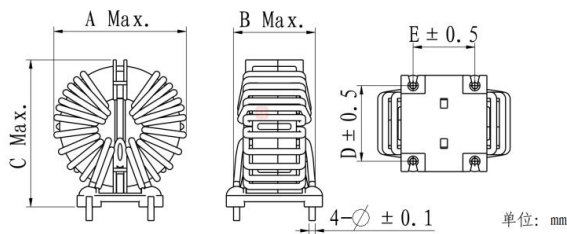
- Industrial power supply
- Household appliances
- Transportation electrification
- Renewable energy
- Power and infrastructure



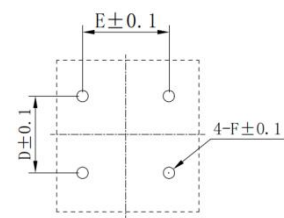
Basic product parameters

Product Parameter	Rated current	Inductance	Testing conditions	DC resistance (20°C)	Core material	Hi-POT (VAC)	Insulation resistance	Operating temperature
70238201	7.0A	3.8mH Min.	1KHz 0.3V	30mΩ Max.	1K107B	2.0K 1mA 3s	100MΩ Min.	-25°C~+120°C
10384201	10.0A	8.4mH Min.	10KHz 0.1V	15mΩ Max.	1K107B	2.0K 1mA 3s	100MΩ Min.	-25°C~+120°C
14320301	14.0A	20.0mH Min.	1KHz 0.25V	20mΩ Max.	1K107B	2.0K 1mA 3s	100MΩ Min.	-25°C~+120°C

Reference dimension drawing



Recommended installation dimension



Product Parameter	A	B	C	D	E	φ	F
70238201	33.00	21.00	33.00	18.00	22.00	1.10	1.70
10384201	34.00	23.00	33.00	22.00	18.00	1.20	1.80
14320301	36.00	38.00	26.00	22.00	18.00	1.40	2.00

Undeclared dimensional tolerance: < 2 mm, ±0.1mm; 2~10mm, ±0.3mm; > 10mm, ±0.5mm

Product model description

Product series		Product model				Product Parameter	
SL	N	-	Y	B	T25	-	702 382 01
							Serial number
							Inductance: 38μH*100=3.8mH
							Rated current: 70mA*100=7A
							The outer dimensions of the ring-shaped iron core
							Two sets of circular enameled wire winding
							Core structure: Vertical type with enclosure
							Core material: Nanocrystalline
							Sanyou Plug-in Inductor

Declaration: This product specification is provided solely for customer reference during use. Any changes will not be notified separately. If you have any questions, please contact Sanyou for more technical support.