

Product features:

- Wide range of application frequency
- Stable magnetic properties
- High impedance
- Good electromagnetic interference resistance

Application area:

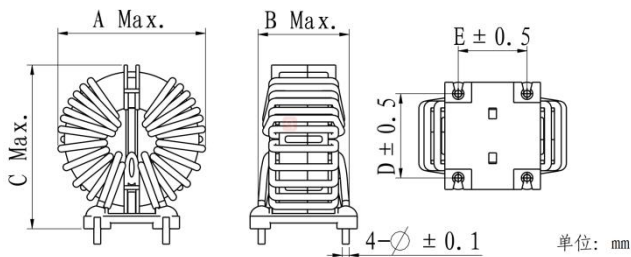
- Industrial power supply field
- Household appliances
- Transportation electrification
- Renewable energy sector
- power and infrastructure sector



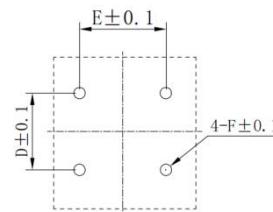
Basic product parameters

Product Parameter	Rated current	Inductance	Test conditions	DC Resistance (20°C)	Core material	Hi-POT (VAC)	Insulation resistance	Operating temperature
70238001	7.0A	3.8mH Min.	1KHz 0.3V	30mΩ Max.	MnZn	2.0K 1mA 3s	100MΩ Min.	-25°C~+120°C
10348201	10.0A	4.8mH Min.	1KHz 0.25V	30mΩ Max.	MnZn	1.8K 1mA 3s	100MΩ Min.	-25°C~+120°C
12330201	12.0A	3.0mH ^{+40%} _{-35%}	10KHz 0.05V	20mΩ Max.	MnZn	1.5K 1mA 3s	100MΩ Min.	-25°C~+120°C

Reference dimension drawing



Recommended installation dimension



Product Parameter	A	B	C	D	E	φ	F
70238001	33.00	21.00	33.00	18.00	22.00	1.10	1.70
10348201	36.00	26.00	38.00	22.00	18.00	1.20	1.80
12330201	32.50	22.00	33.00	17.00	20.00	1.30	1.90

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

Product model description

Product series		Product model				Specifications	
SL	F	-	Y	B	T25	-	103
						482	01
							Serial number
							Inductance :48μH*100=4.8mH
							Rated current: 10mA*1000=10A
							Ring core form factor
							Two sets of circular enameled wire winding
							Core structure: vertical with shell
							Core material: ferrite
							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.