

Product features:

- Excellent resistance frequency characteristics
- Good low and mid-frequency filtering
- Large range of inductance
- Automated production product consistency and stability

Application area:

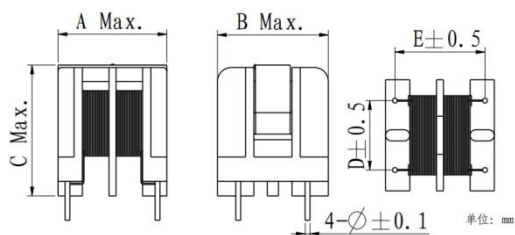
- Industrial power supply field
- Household appliances
- Transportation electrification
- Renewable energy sector
- power and infrastructure sector



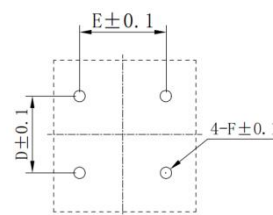
Basic product parameters

Product Parameter	Rated current	Inductance	Test conditions	DC Resistance (20°C)	Core material	Hi-POT (VAC)	Insulation resistance	Operating temperature
20130301	0.2A	30mH Min.	1KHz 0.25V	2.3 Ω Max.	MnZn	1.5K 1mA 3s.	100MΩ Min.	-25°C ~ +110°C
30130301	0.3A	30mH Min.	1KHz 1.0V	1.45 Ω Max.	MnZn	1.5K 1mA 3s.	100MΩ Min.	-25°C ~ +110°C
40112301	0.4A	12mH ^{+50%} _{-30%}	1KHz 0.1V	2.0 Ω Max.	MnZn	1.5K 1mA 3s.	100MΩ Min.	-25°C ~ +115°C
50110301	0.5A	10mH Min.	1KHz 1.0V	0.9 Ω Max.	MnZn	1.5K 1mA 3s.	100MΩ Min.	-25°C ~ +120°C
60112301	0.6A	12mH Min.	1KHz 0.3V	0.9 Ω Max.	MnZn	1.5K 1mA 3s.	100MΩ Min.	-25°C ~ +115°C

Refer to the dimensional drawing



Recommended installation dimension



Product Parameter	A	B	C	D	E	φ	F
20130301	16.50	12.00	16.50	7.00	8.00	0.60	1.10
30130301	17.00	12.00	17.00	7.00	8.00	0.60	1.10
40112301	16.50	12.00	16.50	7.00	8.00	0.60	1.10
50110301	16.5	12.00	16.50	7.00	8.00	0.60	1.10
60112301	16.5	12.00	17.00	7.00	8.00	0.60	1.10

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

Product model description

Product series	Product model	Specifications
SL F	- V B U09	01
	- 201 303	Serial number
		Inductance : 30μH*1000=30mH
		Rated current : 20mA*10=0.2A
		UU shaped core form factor
		Two sets of circular enameled wire winding
		Core structure: vertical without 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.