

Product features:

- Excellent impedance frequency characteristics
- High efficiency in low and mid-frequency filtering
- Wide range of inductance values
- Automated production consistent product quality

Application area:

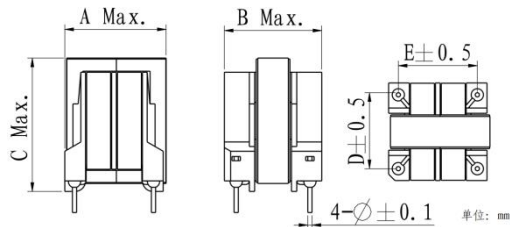
- Industrial power supply
- Household appliances
- Transportation electrification
- Renewable energy
- Power and infrastructure



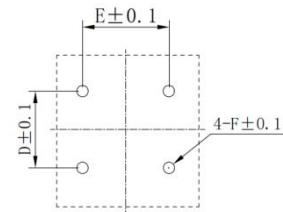
Basic product parameters

Product Parameter	Rated current	Inductance	Testing conditions	DC resistance (20°C)	Core material	Hi-POT (VAC)	Insulation resistance	Operating temperature
10220301	1.0A	20mH Min.	1KHz 0.3V	0.64 Ω Max.	MnZn	1.5K 1mA 3s	100MΩ Min.	-25°C~+120°C
15240301	1.5A	40mH Min.	1KHz 0.3V	0.35 Ω Max.	MnZn	1.5K 1mA 3s	100MΩ Min.	-25°C~+110°C
30212301	3.0A	12mH Min.	1KHz 0.3V	0.2 Ω Max.	MnZn	1.5K 1mA 3s	100MΩ Min.	-25°C~+110°C

Reference dimension drawing



Recommended installation dimension



Product Parameter	A	B	C	D	E	φ	F
10220301	22.00	19.00	29.00	14.00	15.00	0.80	1.40
15240301	22.00	22.00	29.00	14.00	15.00	0.80	1.40
30212301	22.00	22.00	29.00	14.00	15.00	0.80	1.40

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

Product model description

Product series	Product model	Product Parameter
SL F	- V B E25	- 102 203 01
		Serial number
		Inductance: 20μH*1000=20mH
		Rated current: 10mA*100=1.0A
		EE shape core dimensions
		Two sets of round enameled wire winding
		Core construction: vertical, without case
		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.