Plug-in Inductor SLN-YBT32 V1.0

Product features:

- Excellent resistance frequency characteristics
- Good temperature stability
- High resonant frequency
- Automated production product consistency and stability

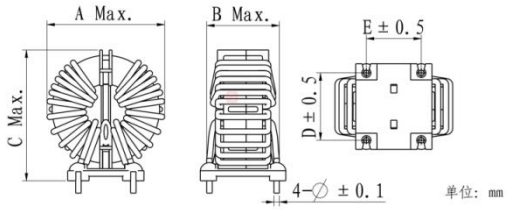
Application area:

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

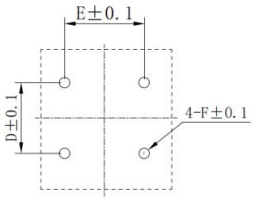
Basic product parameters

Product Parameter	Rated current	Inductance	Testing conditions	DC resistance (20°C)	Core material	Hi-POT (VAC)	Insulation resistance	Operating temperature
16380201	16.0A	8mH Min.	1KHz 1V	6.5mΩ Max.	1K107B	2.0K 1mA 3s	100MΩ Min.	-25℃~+120℃
16320301	16.0A	20mH±30%	1KHz 1V	11mΩ Max.	1K107B	2.0K 1mA 3s	100MΩ Min.	-25℃~+120℃
18350201	18.0A	5mH Min.	1KHz 0.25V	20mΩ Max.	1K107B	2.0K 1mA 3s	100MΩ Min.	-25℃~+120℃
22325201	22.0A	2.5mH Min.	1KHz 0.25V	20mΩ Max.	1K107B	2.0K 1mA 3s	100MΩ Min.	-25℃~+120℃

Reference dimension drawing



Recommended installation dimension



Product Parameter	A	B	C	D	E	φ	F
16380201	42.00	23.00	44.00	18.00	18.00	1.60	2.20
16320301	42.00	23.00	44.00	18.00	18.00	1.60	2.20
18350201	43.00	22.00	43.00	22.00	18.00	1.60	2.20
22325201	44.00	22.00	45.00	22.00	18.00	1.80	2.40

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

Product model description

Product series		-	Product model			-	Product Parameter		
SL	N	-	Y	B	T32	-	163	802	01

- 01: Serial number
- 802: Inductance: 80μH*100=8mH
- 163: Rated current: 16mA*1000=16A
- T32: The outer dimensions of the ring-shaped iron core
- B: Two sets of circular enameled wire winding
- Y: Core structure: Vertical type with enclosure
- N: Core material: Nanocrystalline
- SL: 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.