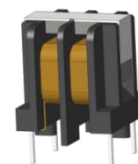


## Product features:

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

## Application area:

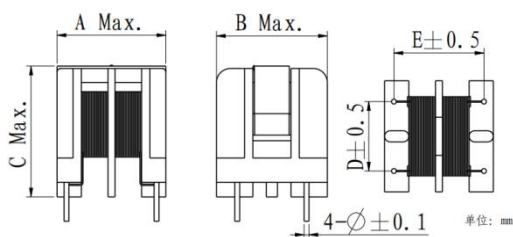
- Industrial power supply field
- Household appliances
- Transportation electrification
- Renewable energy sector
- power and infrastructure sector



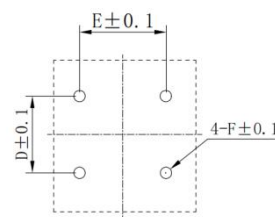
## Basic product parameters

| Product Parameter | Rated current | Inductance | Test conditions | DC Resistance (20°C) | Core material | Hi-POT (VAC) | Insulation resistance | Operating temperature |
|-------------------|---------------|------------|-----------------|----------------------|---------------|--------------|-----------------------|-----------------------|
| 20215301          | 2.0A          | 15mH Min.  | 1KHz 0.3V       | 1.0 Ω Max.           | MnZn          | 1.5K 1mA 3s. | 100MΩ Min.            | -25°C ~ +110°C        |
| 22212301          | 2.2A          | 12mH Min.  | 1KHz 0.8V       | 0.75 Ω Max.          | MnZn          | 1.5K 1mA 3s. | 100MΩ Min.            | -25°C ~ +110°C        |
| 40220201          | 4.0A          | 2.0mH Min. | 1KHz 0.3V       | 40 mΩ 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    |
|-------------------|-------|-------|-------|-------|-------|------|------|
| 20215301          | 23.50 | 20.00 | 28.00 | 10.00 | 13.00 | 0.70 | 1.20 |
| 22212301          | 23.00 | 20.00 | 27.00 | 10.00 | 13.00 | 0.70 | 1.20 |
| 40220201          | 23.50 | 20.00 | 28.00 | 10.00 | 13.00 | 0.70 | 1.20 |

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 U16     | - 202 153 01                               |
|                |               | Serial number                              |
|                |               | Inductance :15μH*1000=15mH                 |
|                |               | Rated current: 20mA*100=2.0A               |
|                |               | 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.