

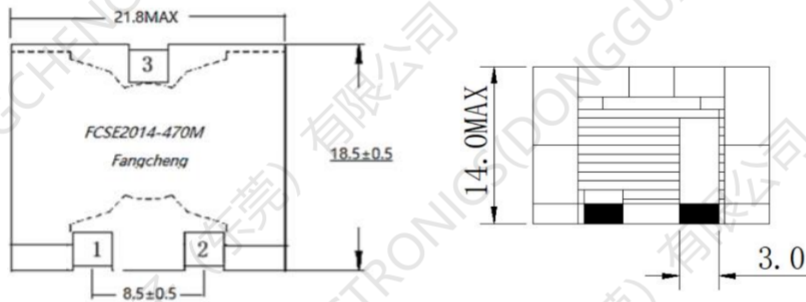
**FC-SE2014-Series SMD Flat Wire High Current Inductor**

**Applications**

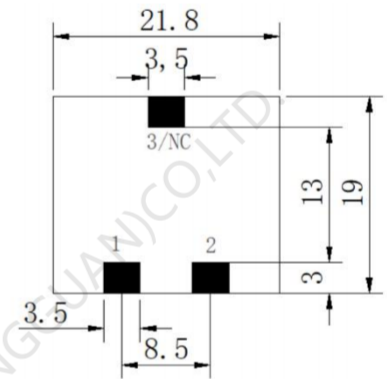
- Industrial computers
- High current switching regulators
- DC/DC converter
- Filter
- Magnetically shielded
- Flat wire coil for low losses at high frequency
- Low stray field
- Operating temperature: -40 °C to +155°C



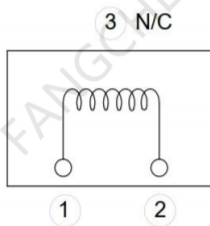
**1. Dimensions: [mm]**



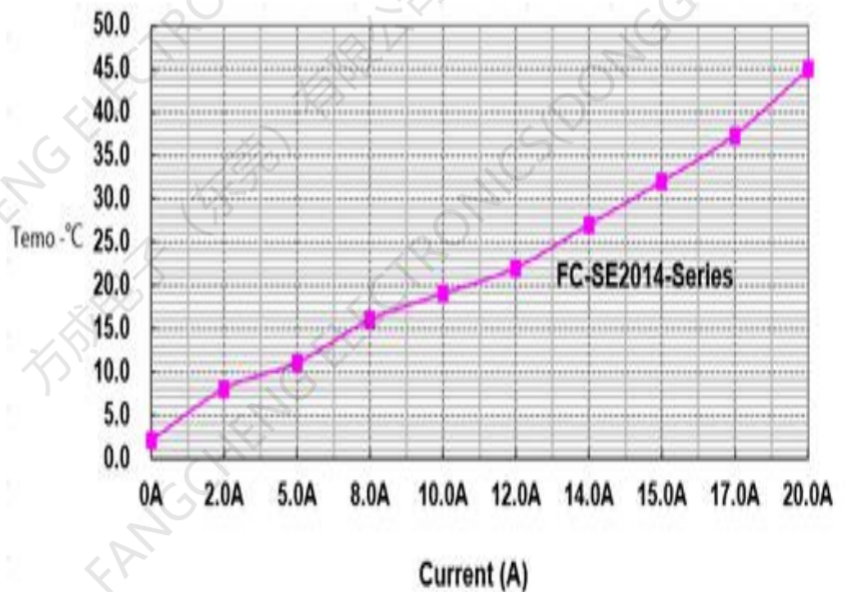
**2. Recommended Land Pattern: mm**



**3.Schematic:**



**4.Temperatue rise current curven**



**5.Customer APPLication:**





## FC-SE2014-Series -SMD Flat Wire High Current Inductor

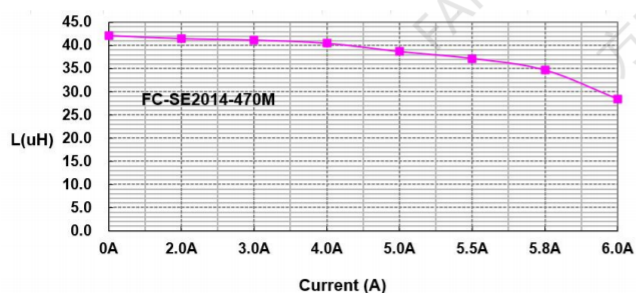
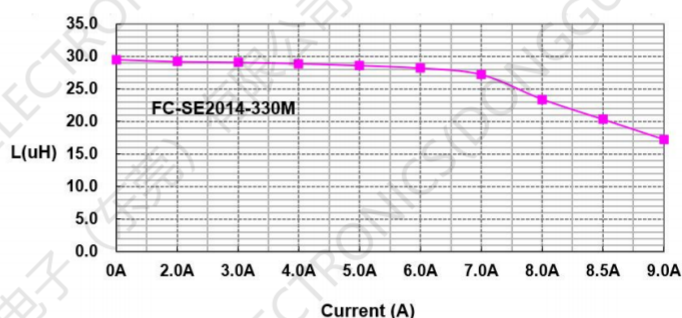
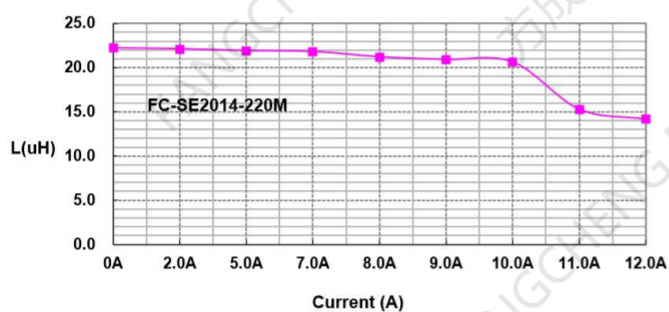
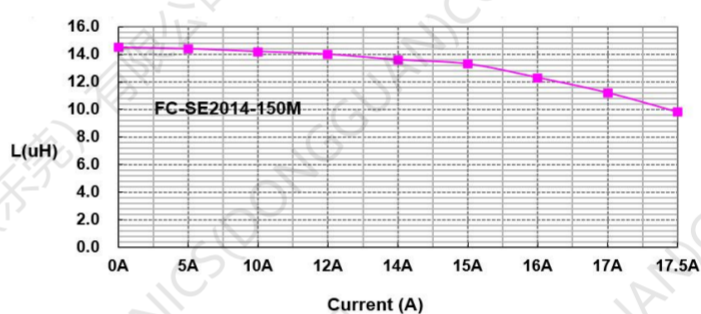
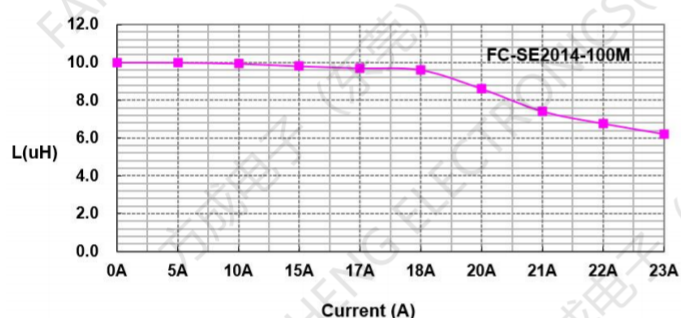
### 6. ELECTRIC CHARACTERISTICS

Order Code	L(μH)	DCR (mΩ)		I <sub>rms</sub>	I <sub>sat</sub>
	±20%	typ	max	A	A
FC-SE2014-100M	10.0	5.35	6.35	17.0	21.0
FC-SE2014-150M	15.0	5.35	6.35	17.0	17.0
FC-SE2014-220M	22.0	5.35	6.35	17.0	11.0
FC-SE2014-330M	33.0	5.35	6.35	17.0	8.5
FC-SE2014-470M	47.0	5.35	6.35	17.0	6.0

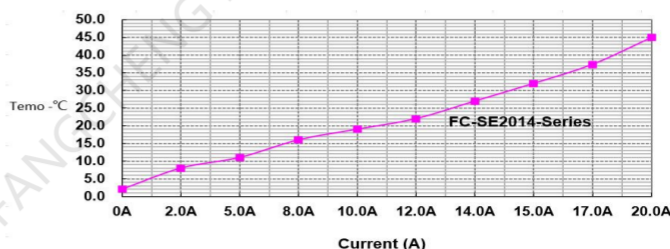
#### Remark:

- <1>Inductance: 100KHz 0.1V
- <2>Tolerance of inductance:±20%
- <3>I<sub>sat</sub>: The value of current indicates that inductance drops 30%( Typical ) from its initial value
- <4>I<sub>rms</sub>:The value of current indicates that the temperature of the coil is increase 40°C (Typical)
- <5>Test condition: Ta= 25°C

### 7. Inductance VS Current Curve:



### 8. Temperature rise current curve



单击下面可查看定价，库存，交付和生命周期等信息

[>>FC\(方成\)](#)