

Applications

High inductance, high current.

大电流，高感值.

SMT chip mounting, excitation wire design

贴片安装方式，励磁线低损耗设计

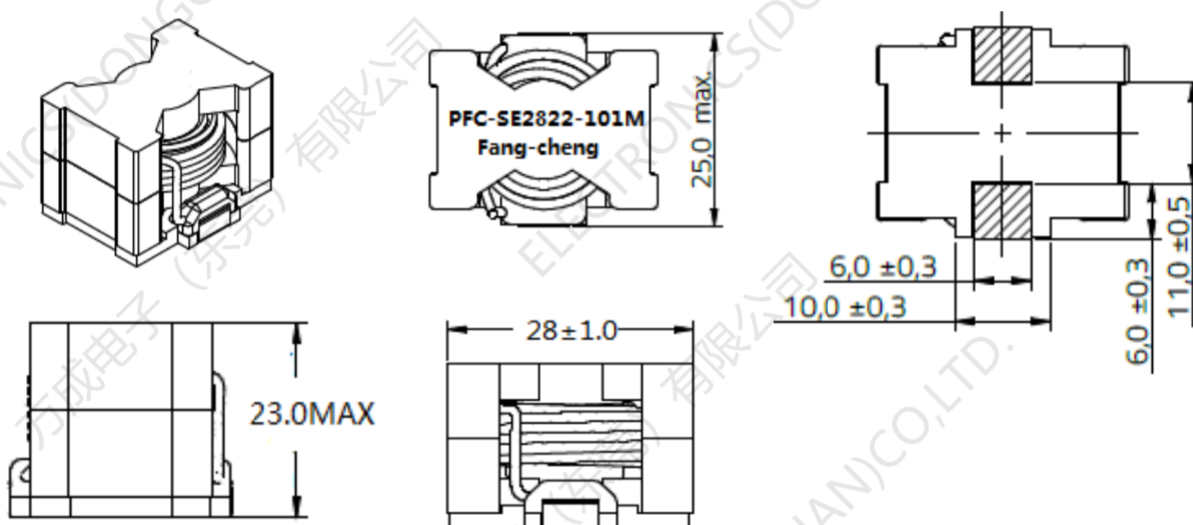
AC/DC circuit FPC inductor

交直流电路 FPC 电感.

Operating temperature: -40°C to $+125^{\circ}\text{C}$



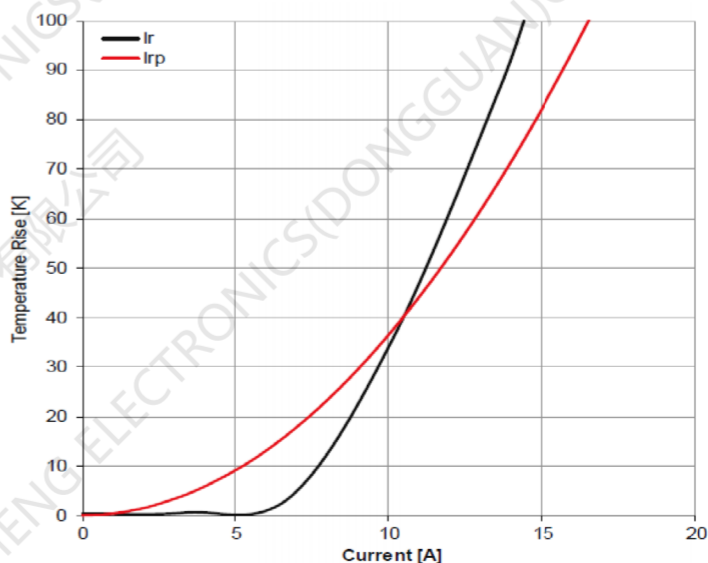
1. Dimensions: [mm]



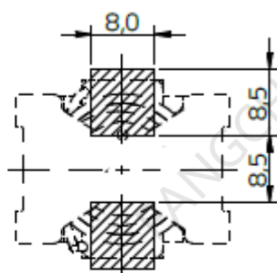
3.Schematic:



4. Temperature Rise vs. Current Characteristics:



5. Recommended Land Pattern: mm



PFC-SE2822-Series SMD e High Current PFC Inductor

6. ELECTRIC CHARACTERISTICS

Order Code	L(μH)	DCR (Ω)		I _{rms} - A	I _{sat} - A	HI-POT-V
	±20%	Typ / max		Typ / max	MAX	COIL-CORE
PFC-SE2822-101M	100.0	0.048	0.055	8.5/10.0	16.5	AC1000V
PFC-SE2822-121M	120.0				14.2	
PFC-SE2822-151M	150.0				11.0	
PFC-SE2822-221M	220.0				7.50	
PFC-SE2822-251M	250.0				6.50	

Remark:

<1>Inductance: 100KHz 0.1V

<2>Tolerance of inductance:±20%.

<3>I_{sat}: The value of current indicates that inductance drops 30%(Typical) from its initial value

<4>I_{rms}:The value of current indicates that the temperature of the coil is increase 40°C (Typical)

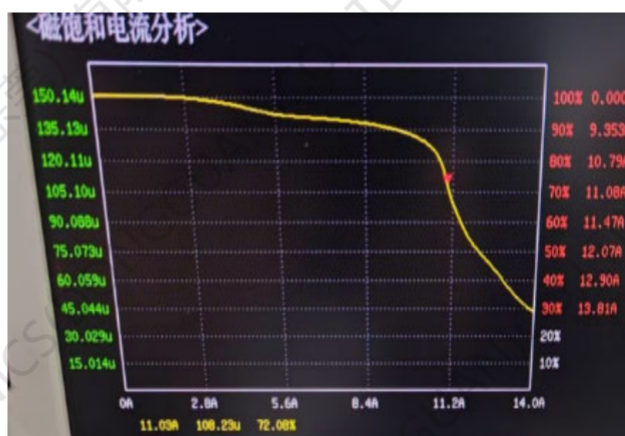
<5>Test condition: Ta= 25°C

7. Inductance VS Current Curve:

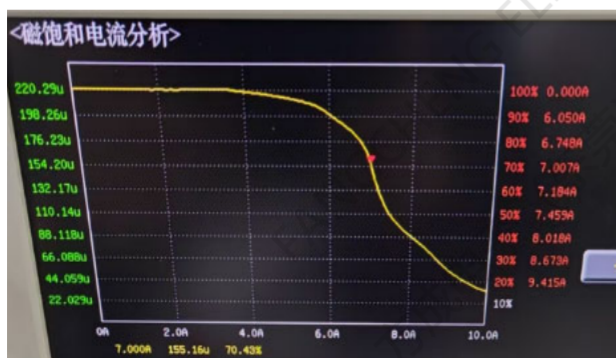
PFC-SE2822-101M



PFC-SE2822-151M



PFC-SE2822-221M



PFC-SE2822-251M

