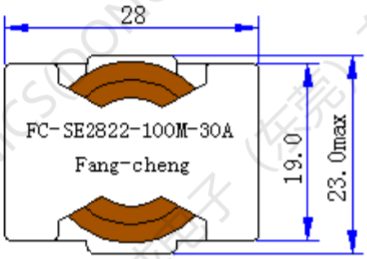
FC-SE2822-Series DIP High Current Inductor

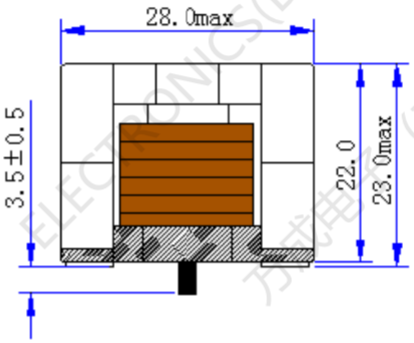
Applications

- High saturation and high current
- DC/DC converter
- Operating temperature: –40 °C to +155°C
- Recommended solder profile: Reflow



1. Dimensions: [mm]

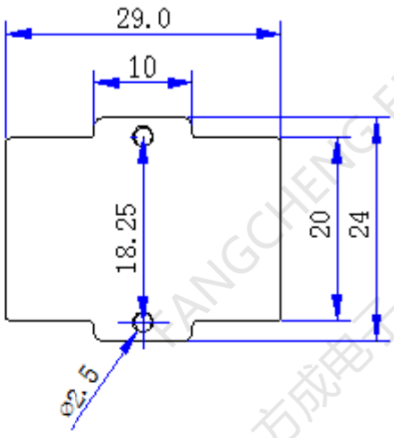




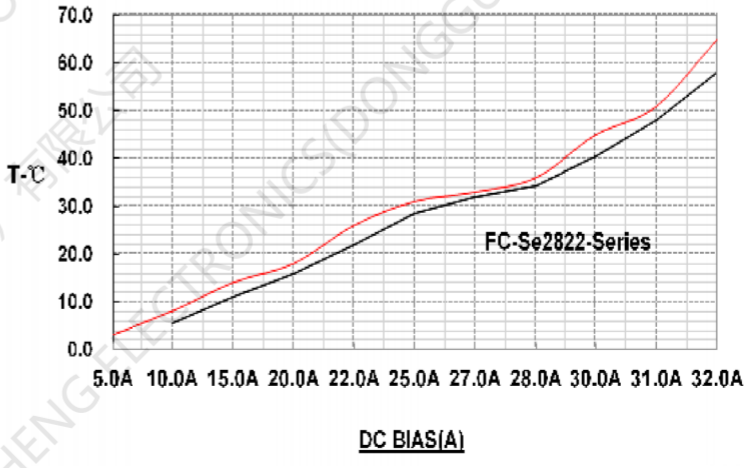
2.Schematic:



3. Recommended Land Pattern: mm



4.Temperature Rise vs Current:



FangchengElectronics(Dongguan)Co.,LTD
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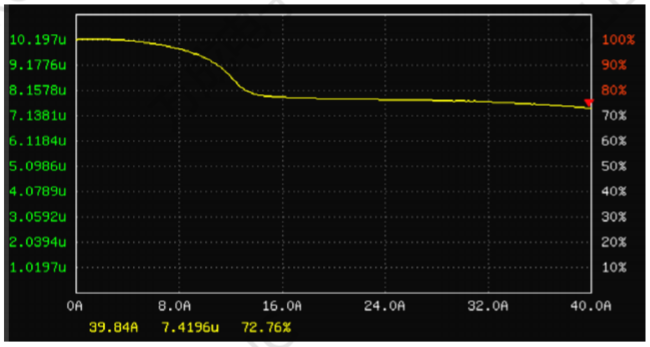
FC-SE2822-Series DIP High Current Inductor

4. ELECTRIC CHARACTERICS

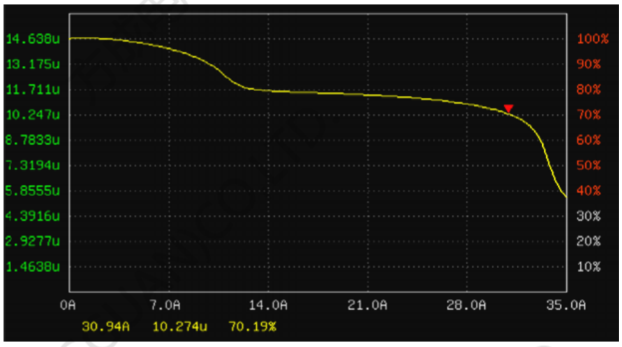
Part number	Inductance ±20%(μH) 100KHZ/0.3V	DRC (mohms)		Isat(A) drops 30%	Irms(A) 40℃ / 50℃	
		nom	max			
FC-SE2822-100M	10.0	3.1	3.5	40.0	**29.0**	**30.0**
FC-SE2822-150M	15.0			30.5		
FC-SE2822-220M	22.0			20.3		
FC-SE2822-330M	33.0			11.6		
FC-SE2822-470M	47.0			8.50		
FC-SE2822-680M	68.0			5.30		

5. Inductancevs Isat Current

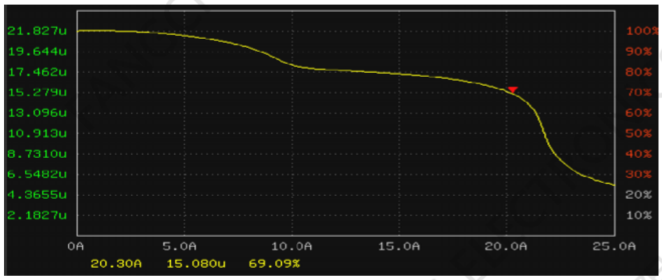
FC-SE-2822-100M



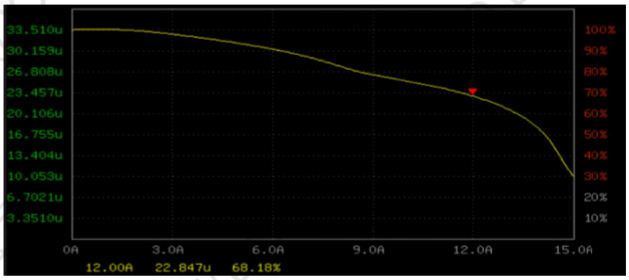
FC-SE2822-150M



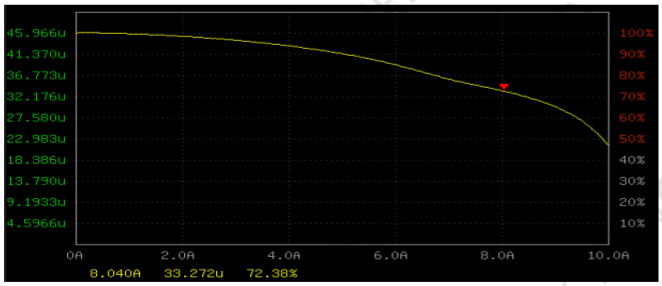
FC-SE2822-220M



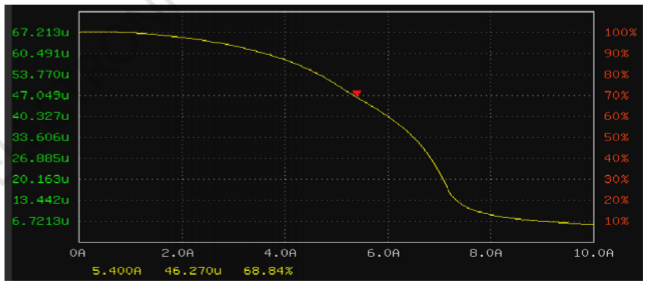
FC-SE2822-330M



FC-SE2822-470M



FC-SE2822-680M



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