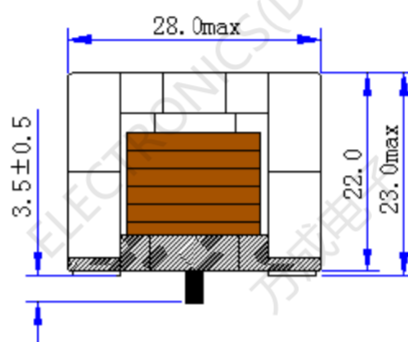
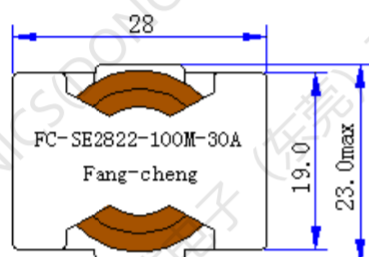


FC-SE2822-Series DIP High Current Inductor

Applications

- High saturation and high current
- DC/DC converter
- Operating temperature: -40°C to $+155^{\circ}\text{C}$
- Recommended solder profile: Reflow

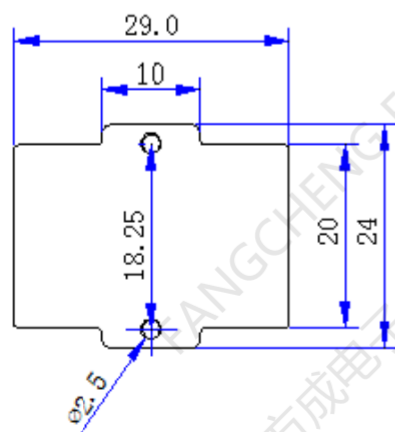
1. Dimensions: [mm]



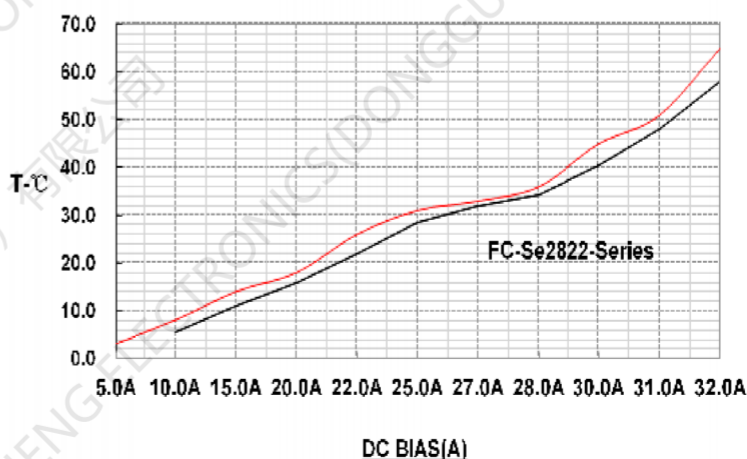
2. Schematic:



3. Recommended Land Pattern: mm



4. Temperature Rise vs Current:



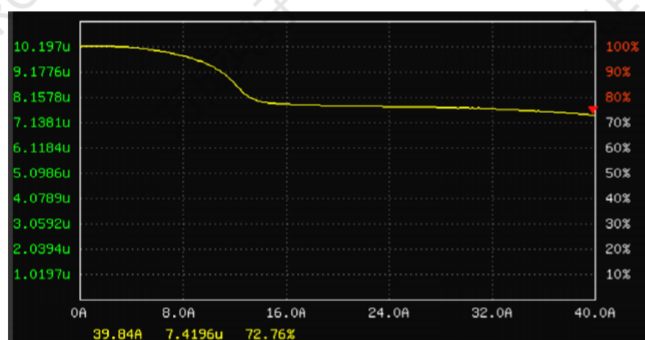
FC-SE2822-Series DIP High Current Inductor

4. ELECTRIC CHARACTERISTICS

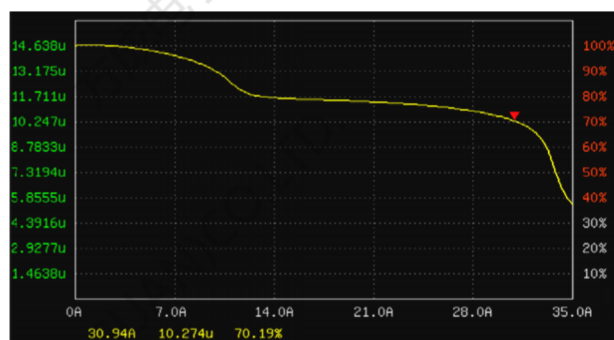
Part number	Inductance $\pm 20\%(\mu\text{H})$ 100KHZ/0.3V	DRC (mohms)		Isat(A) drops 30%	Irms(A) 40℃ / 50℃	
		nom	max			
FC-SE2822-100M	10.0	<u>3.1</u>	<u>3.5</u>	40.0	<u>29.0</u>	<u>30.0</u>
FC-SE2822-150M	15.0			30.5		
FC-SE2822-220M	22.0			20.3		
FC-SE2822-330M	33.0			11.6		
FC-SE2822-470M	47.0			8.50		
FC-SE2822-680M	68.0			5.30		

5. Inductance vs Isat Current

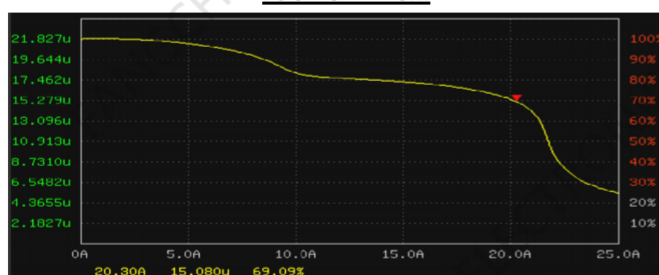
FC-SE2822-100M



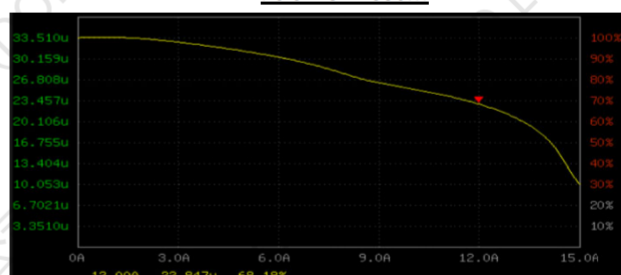
FC-SE2822-150M



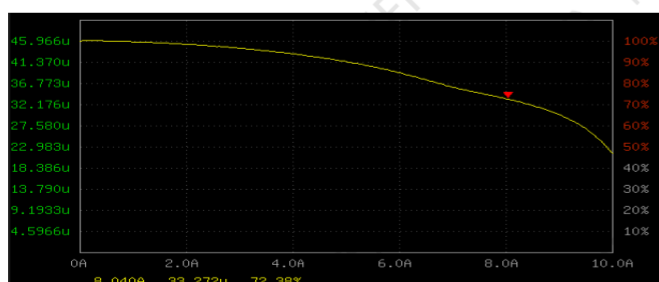
FC-SE2822-220M



FC-SE2822-330M



FC-SE2822-470M



FC-SE2822-680M

