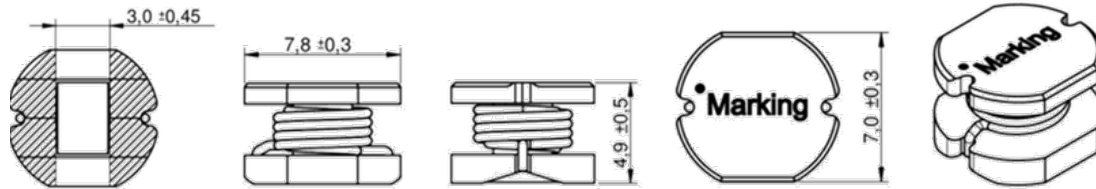
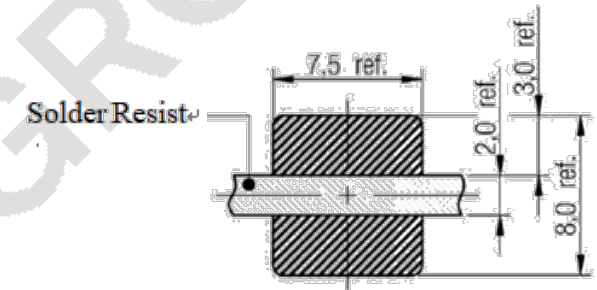


1. Shape & Dimensions (mm)



Reference on Drawing ¹⁾	Description ²⁾
* ³⁾	Start of winding ⁴⁾
Marking ⁵⁾	(821) Inductance code ⁶⁾

2. Recommended Land Pattern (mm)



3. Electrical Properties



	Inductance L (uH)	Test Frequency	Inductance Tolerance	D.C.R. (Max Ω) @ 25°C	Saturation Current (Typ A)	Rated Current (Max A)
	820	100KHz	± 10%	2.77	0.35	0.35

Remarks:

- A. It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.
 Operating Temperature: -40°C to +125°C
 Storage Temperature (on tape & reel): -20°C to +40°C; 75% RH max.
- B. Inductance: 560uH~2200uH @ 100KHz/0.25V
 Idc1(Isat): 0.2A~0.41A Typ. DC current that will cause L0 to drop approximately 10%
 Idc2(Rated Current): 0.15A~0.41A Max. DC current that will cause an approximate ΔT of 40°C
 DC Resistance: 2.08Ω~7.2Ω Max.
 Self-Resonant Frequency: 1.6MHz~2.8MHz Typ.

4. Typical Inductance vs. Current Characteristics

