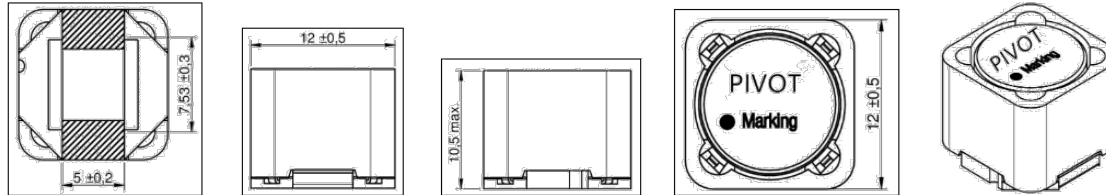
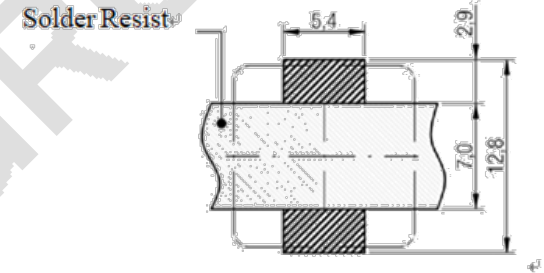


1. Shape & Dimensions (mm)



Reference on Drawing	Description
.	Start of Winding
Marking	(221) Inductance Code

2. Recommended Land Pattern (mm)



no vias and traces in restricted area

3. Electrical Properties

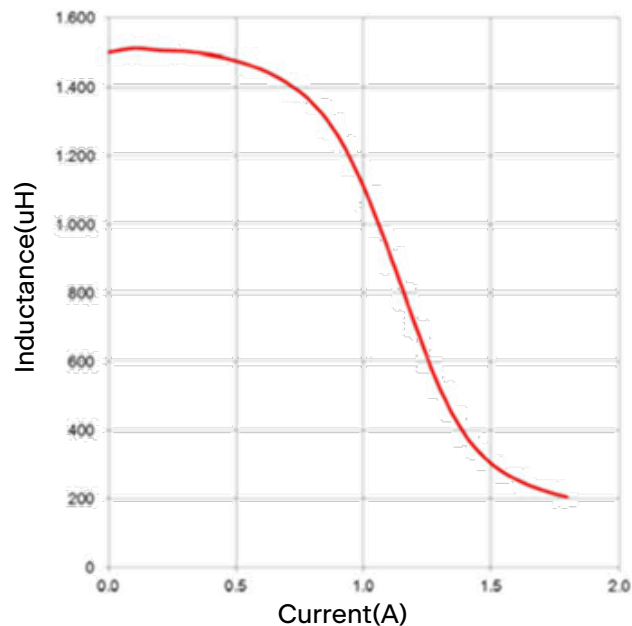
Part Number	Inductance L (uH)	Test Frequency	Inductance Tolerance	D.C.R. (Max Ω) @ 25°C	Saturation Current (Typ A)	Rated Current (Max A)
PVT-MDCDH1210-152M	1500	100KHz	±20%	2.2	0.8	0.52
PVT-MDCDH1210-471M	470	100KHz	±20%	0.8	1.4	0.97

Remarks:

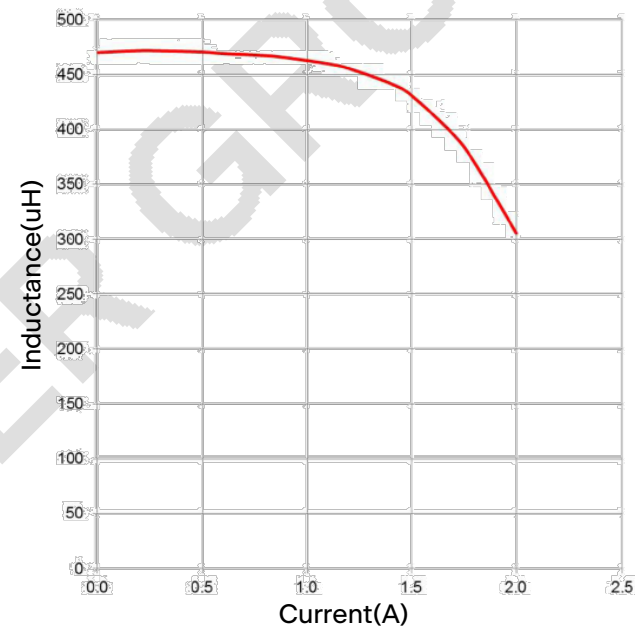
- A. It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.
 Operating Temperature: -40°C to +125°C
 Storage Temperature (on tape & reel): -20°C to +40°C; 75% RH max.
- B. Inductance: 220uH~6800uH @ 100KHz/0.25V
 Idc1(Isat): 0.38A~2A Typ. DC current that will cause L0 to drop approximately 10%
 Idc2(Rated Current): 0.28A~1.3A Max. DC current that will cause an approximate ΔT of 40°C
 DC Resistance: 0.35Ω~9.6Ω Max.
 Self-Resonant Frequency: 0.45MHz~2.2MHz Typ.

(continued)

4. Typical Inductance vs. Current Characteristics



PVT-MDCDH1210-152M



PVT-MDCDH1210-471M