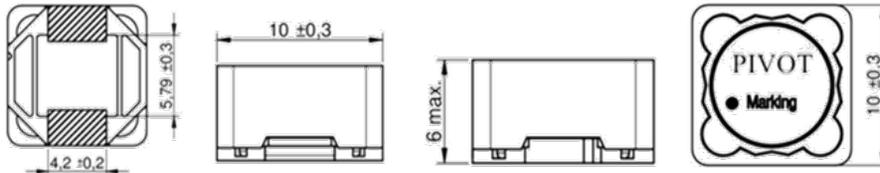


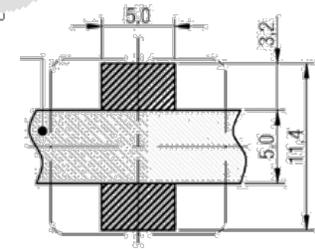
1. Shape & Dimensions (mm)



| Reference on Drawing [Ⓟ] | Description [Ⓟ] |
|-----------------------------------|------------------------------------|
| * [Ⓟ] | Start of winding [Ⓟ] |
| Marking [Ⓟ] | (222) Inductance code [Ⓟ] |

2. Recommended Land Pattern (mm)

Solder Resist[Ⓟ]



no vias and traces in restricted area

3. Electrical Properties

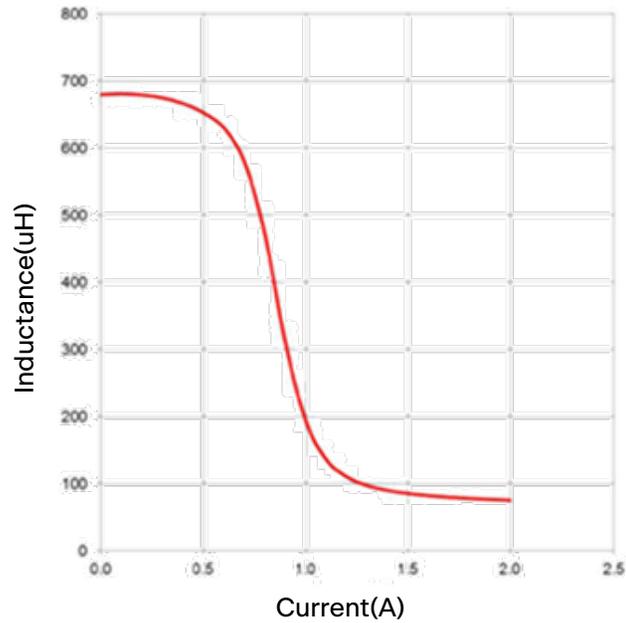
| Part Number | Inductance L (uH) | Test Frequency | Inductance Tolerance | D.C.R. (Max Ω) @ 25°C | Saturation Current (Typ A) | Rated Current (Max A) |
|--------------------|-------------------|----------------|----------------------|-----------------------|----------------------------|-----------------------|
| PVT-MDCDH1060-681M | 680 | 100KHz | ± 20% | 2.25 | 0.61 | 0.55 |
| PVT-MDCDH1060-222M | 2200 | 100KHz | ± 20% | 6.5 | 0.37 | 0.26 |

Remarks:

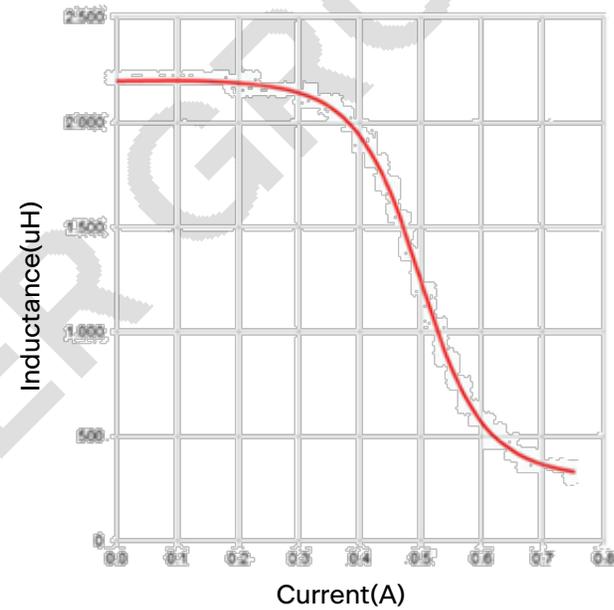
- A. It is recommended that the temperature of the part does not exceed 125°C under worst case operating conditions.
 Operating Temperature: -40°C to +125°C
 Storage Temperature (on tape & reel): -20°C to +40°C; 75% RH max.
- B. Inductance: 47uH~2200uH @ 100KHz/0.25V
 Idc1(Isat): 0.37A~2.3A Typ. DC current that will cause L0 to drop approximately 10%
 Idc2(Rated Current): 0.26A~1.7A Max. DC current that will cause an approximate ΔT of 40°C
 DC Resistance: 0.156Ω~6.5Ω Max.
 Self-Resonant Frequency: 1.2MHz~10.2MHz Typ

(continued)

4. Typical Inductance vs. Current Characteristics



PVT-MDCDH1060-681M



PVT-MDCDH1060-222M