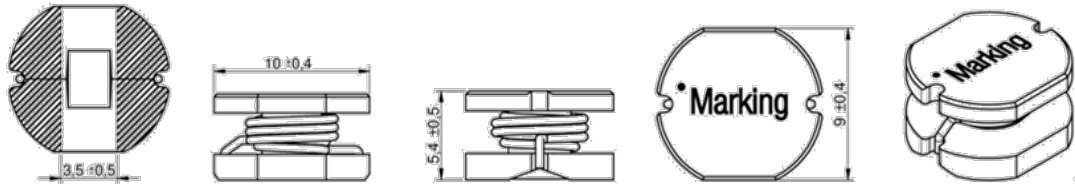
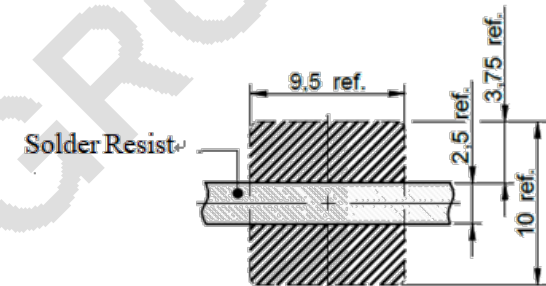


## 1. Shape & Dimensions (mm)



Reference on Drawing <sup>1)</sup>	Description <sup>2)</sup>
* <sup>3)</sup>	Start of winding <sup>4)</sup>
Marking <sup>5)</sup>	(122) Inductance code <sup>6)</sup>

## 2. Recommended Land Pattern (mm)



## 3. Electrical Properties



Part Number	Inductance L (uH)	Test Frequency	Inductance Tolerance	D.C.R. (Max $\Omega$ ) @ 25°C	Saturation Current (Typ A)	Rated Current (Max A)
PVT-MDCDH1054-122K	1200	100KHz	$\pm 20\%$	3	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: 1100uH~2200uH @ 100KHz/0.25V  
 Idc1(Isat): 0.26A~0.38A Typ. DC current that will cause L0 to drop approximately 10%  
 Idc2(Ir): 0.18A~0.38A Max. DC current that will cause an approximate  $\Delta T$  of 40°C  
 DC Resistance: 2.6 $\Omega$ ~5.3 $\Omega$  Max.  
 Self-Resonant Frequency: 1.3MHz~1.9MHz Typ

## 4. Typical Inductance vs. Current Characteristics

