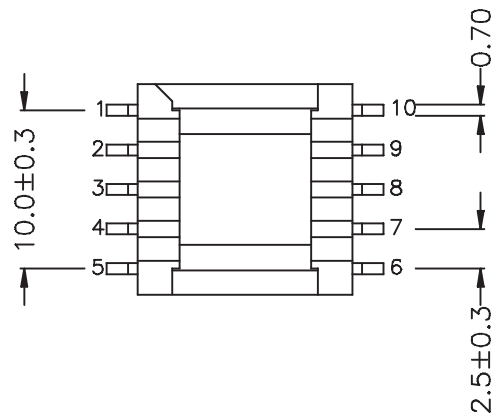
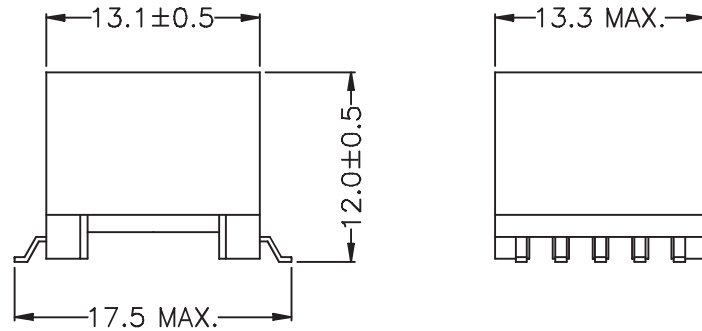


CUSTOMER TO DETERMINE LAND LAYOUT

\* RoHS COMPLIANCE

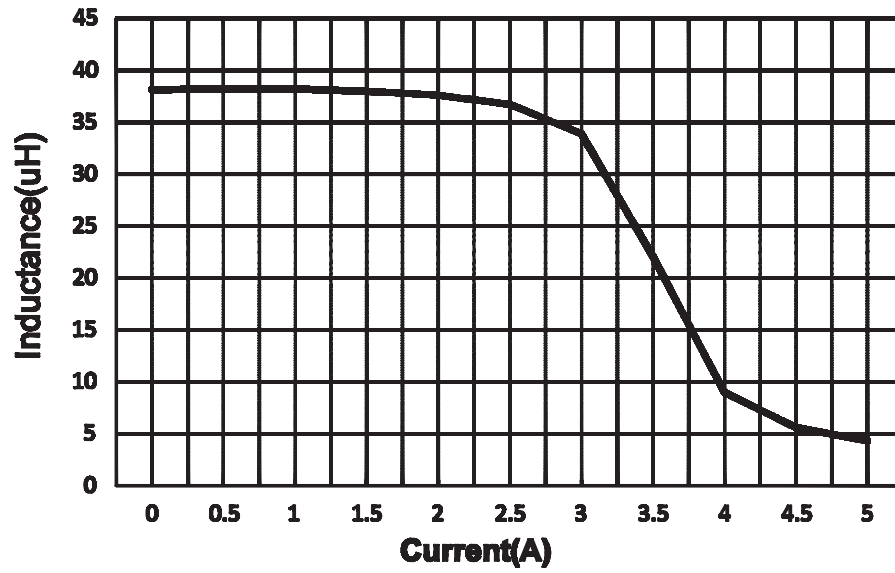
ELECTRICAL CHARACTERISTICS :

- DCR : PIN 5-3 = 100mΩ Max  
PIN 2-1 = 242mΩ Max  
PIN 6,7-9,10 = 4.5mΩ Max
- Inductance(@100kHz;100mVAC) : PIN 5-3 = 38uH ±10%
- Leakage Inductance(@100kHz; 0.1Vrms)  
PIN 5-3 (PIN1+2,6+7+9+10 SHORT) = 625nH MAX.
- TURN RATIO(@10kHz, 0.1Vrms):  
PIN (5-3) : PIN (6,7-9,10) = 5 : 1 ±3%  
PIN (5-3) : PIN (2-1) = 2 : 1 ±3%
- HI-POT (@1500VAC,1mA, 2SEC) : PIN 5 - PIN 6.7  
(@500VAC,1mA, 2SEC) : PIN 5 - PIN 2
- SATURATION current ( $|\Delta L/L| < 20\%$ ) : 3.3A TYP.
- OPERATING TEMPERATURE RANGE : -40°C~+125°C




							TITLE PoE+ TRANSFORMER	
							DWG. NO. ATS-1587R	
RELEASE						UNITS:	SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	SHEET 1 of 2
REVISIONS						DRAW		

**Typical Inductance vs. Current Characteristics**



**Application Properties:**

Input voltage	37-57V
Output voltage	5V
Output Current	5A
Auxiliary voltage	12V
Switching Frequency	250-400kHz

							TITLE PoE+ TRANSFORMER	
							DWG. NO. AT5-1587R	
RELEASE					UNITS:		SAFETY	
NO:		DESCRIPTION	DATE	BY	CHK	APPD	SHEET 2 of 2	
REVISIONS					DATE		P/N:	
							DRAW	