



SUGGESTED PCB LAYOUT

UNIT:mm

1LECTRICAL CHARACTERISTICS :

1. DCR : PIN 1-4 = 160mΩ MAX. PIN 3-4 = 160mΩ MAX.
PIN 5-6 = 160mΩ MAX. PIN 7-8 = 320mΩ MAX.
2. INDUCTANCE (@10kHz, 0.1Vrms) :
PIN 1-4 = PIN 3-4 = 10uH MIN.
3. LEAKAGE INDUCTANCE (@300kHz, 0.1Vrms) :
PIN 1-4 (PIN 7.8 SHORT) = 150nH MAX.
PIN 3-4 (PIN 7.8 SHORT) = 150nH MAX.
PIN 1-4 (PIN 5.6 SHORT) = 160nH MAX.
PIN 3-4 (PIN 5.6 SHORT) = 160nH MAX.
4. INTERWINDING CAPACITANCE (@300kHz, 0.1Vrms) :
PIN 1-8 (PIN 1-3, PIN 6-7 SHORT) = 4.5pF MAX.
5. TURN RATIO (@100kHz, 0.1Vrms)
PIN 1-4 : 3-4 = 1.0 ±2%
PIN 1-4 : 6-5 = 1.5 ±2%
PIN 1-4 : 8-7 = 1.0 ±2%
6. HI-POT : (@3750VAC, 5mA, 2SEC) :
PIN 1.3 - PIN 6.8
7. RoHS COMPLIANT

								TITLE TRANSFORMER	
								DWG. NO. PL-051R	
RELEASE						UNITS:		SAFETY	
NO: DESCRIPTION						DATE		P/N:	
DATE						BY		DRAW	
CHK						APPD		SHEET 1 of 1	
REVISIONS								DRAW	