



REFERENCE LAND SIZE

* RoHs COMPLIANT

ELECTRICAL CHARACTERISTICS :

1. DCR : PIN 2-7 = $3\Omega \pm 10\%$ (PIN 1-8 SHORT)
PIN 4-5 = $1.5\Omega \pm 10\%$ (PIN 3-6 SHORT)
2. INDUCTANCE (@10kHz, 0.1Vrms) : PIN 2-7 (1-8 SHORT) = $470\mu\text{H} \pm 10\%$
3. LEAKAGE INDUCTANCE (1MHz, 0.1Vrms) : PIN 2-7(1-8,3-4-5-6 SHORT) = $0.6\sim 1.15\mu\text{H}$
4. INTERWINDING CAPACITANCE (100kHz, 0.1Vrms) (2+8,1+7,3+6,4+5 SHORT) 2-7 = 75pF MAX.
(4+6,3+5,1+8,2+7 SHORT) 4-5 = 75pF MAX.
(2+7,4+5,1+8,3+6 SHORT) 2-4 = 100pF MAX.
5. T.H.D (25KHz, 2Vrms, PRI W/H 51 Ω , INPUT 100 Ω , 1+8,3+6 SHORT) : -75dB MAX.
6. TURN RATIO (10KHz, 0.1Vrms) PIN 2-7 : PIN 4-5 = $1.25 \pm 1\%$ (1-8,3-6 SHORT)
7. LONGITUDINAL BALANCE : 20kHz-30MHz : 33dB MIN.
8. HI-POT : PIN 2-4 (1875VAC, 1mA, 1SEC, 1-8 SHORT, 3-6 SHORT)
9. OPERATING TEMPERATURE RANGE : -40°C~125°C

						AOEM.	TITLE VDSL TRANFORMER	
							DWG. NO. ATS-1615R	
RELEASE						UNITS:	SAFETY	
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	SHEET 1of 1 DRAW
REVISIONS								