



ELECTRICAL CHARACTERISTICS :

- 1. INSULATION HI-POT : 1500 Vrms/50Hz, 60Sec.
- 2. TURN RATIO (±5%) : 1CT : 1CT
- 3. OCL (@100KHz, 0.1Vrms) : 350uH MIN.
- 4. CROSS TALK (dB MIN.) : 30MHz ; -45, 60MHz ; -40, 80MHz ; -35
- 5. INSERTION LOSS (1MHz-100MHz) : -1.0dB MAX.
- 6. RETURN LOSS (dB MIN. @100 Ω) :

1-30MHz	40MHz	50MHz	60-80MHz	100MHz
-18	-16	-16	-12	-10
- 7. DIFFERENTIAL TO COMMON MODE REJECTION (dB MIN.) :

30MHz	60MHz	100MHz
-43	-37	-33
- 8. LEAKAGE INDUCTANCE (@100KHz, 0.1Vrms) : 0.4uH MAX
- 9. Cw/w (@100KHz, 0.1Vrms) : 28pF MAX
- 10. DCR : 1.2Ω MAX
- 11. RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED , TOLERANCES XX.X0 ±0.25mm
0.XX ±0.05mm

								TITLE 100/1000 BASE-T TRANSFORMER	
								DWG. NO. ATPL-437R	
A	CHANGE DIM & ELECTRICAL CHARACTERISTICS	09/20/2012	SHIRLEY	BETTY	BETTY	UNITS: M/M		SAFETY	
	RELEASE	03/29/2012	SHIRLEY	BETTY	BETTY	M/M			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE 03/29/12		P/N: SHEET 1 of 1	
REVISIONS								DRAW SHIRLEY	