



ELECTRICAL CHARACTERISTICS : @25°C

1. TURNS RATIO : TX/RX = 1CT : 1CT (±5%).
2. OCL (@100KHz / 0.1V WITH 8 mA/DC BIAS) : 350uH MIN.
3. CW/W (@100KHz/0.2V) : 56pF TYP.
4. CROSS TALK : 0.3~100MHz = -35dB MIN.
5. INSERTION LOSS : 0.3~100MHz = -1.1dB MAX.
6. RETURN LOSS (@100 Ω) :
  - 30 MHz = -18dB MIN.
  - 40 MHz = -15.5dB MIN.
  - 60 MHz = -13dB MIN.
  - 80 MHz = -12dB MIN.
  - 100 MHz = -10dB MIN.
7. DCR : 1.1Ω MAX.
8. DCMRR : 0.3~100MHz = -30dB MIN.
9. HI-POT : 1500Vrms.
10. RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.25

							TITLE 10/100 BASE-TX TRANSFORMER	
							DWG. NO. ATPL-422R	
RELEASE	03/21/2011	SHIRLEY	BETTY	BETTY	UNITES: M/M	SAFETY		SHEET 1 of 1
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW
REVISIONS						03/21/2011		SHIRLEY