



ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO ( $\pm 3\%$ ) : TX = 1CT:1CT  
RX = 1CT:1CT
2. DCL (@100KHz/0.1Vrms 8mA DC/Bias) : 350 uH MIN.
3. L.L (100KHz/0.1V) : 0.4 uH MAX.
4. Cw/w (100KHz/0.1V) : 20 pF MAX.
5. HI-POT : 1500 Vrms.
6. RISE TIME : 2.5 nS TYP.
7. INSERTION LOSS : 0.1~100 MHz = -1.0 dB MHz.
8. RETURN LOSS : 1~30MHz = -18 dB MIN.  
30~60 MHz = -18~20 LOG (F/30, Hz)  
60~80 MHz = -12 dB MIN.
9. CROSS TALK : 0.1~100MHz = -32 dB MIN.
10. CMRR : 0.1~100MHz = -40 dB MIN.
11. RoHS COMPLIANCE.

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.25$

						<b>Atech</b> <sup>®</sup>		TITLE 10/100 BASE-T TRANSFORMER	
						Atech Technology Co., Ltd.		DWG. NO.	
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						UNITS:		SAFETY	
						DATE		SHEET 1 OF 1	
REVISIONS								DRAW	
NO.	DESCRIPTION	DATE	BY	CHK	APPD				