



ELECTRICAL SPECIFICATIONS @ 25°C :

1. TURNS RATIO (± 5%) : PIN 1-3 : 16-14 = 1CT : 1CT
PIN 6-8 : 11-9 = 1CT : 1CT
2. \square CL (@100KHZ/0.1V WITH 8mA BIAS) : PIN (1-3/6-8) = 350uH MIN.
3. CW/W : 56pF MAX.
4. L.L : 0.5uH MAX.
5. DCR : PIN 1-3/6-8 = 0.7 OHM MAX.
PIN 11-9 = 1.1 OHM MAX.
6. HI-PDT : 1500Vrms
7. INSERTION LOSS : 0.3-100MHZ = -1.15dB MAX.
8. RETURN LOSS : 30MHZ = -20dB MIN.
60MHZ = -14dB MIN.
80MHZ = -12dB MIN.
9. CROSS TALK : 30MHZ = -45dB MIN.
60MHZ = -40dB MIN.
100MHZ = -35dB MIN.
10. DIFFERENTIAL TO COMMON MODE REJECTION : 30MHZ = -42dB MIN.
60MHZ = -37dB MIN.
100MHZ = -33dB MIN.
11. ROHS COMPLIANCE

TOLERANCES : XX.X ± 0.25
X.XX ± 0.05

						Atech [®]		TITLE 10/100 BASE-TX TRANSFORMER	
						Atech Technology Co. Ltd.		DWG. NO.	
						TEL:022794-6667 FAX:022794-8004		ATPL-046HR	
RELEASE		06/27/2005	PAIR	AL	SUEDY	UNITS: M/M		SAFETY	
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE		SHEET 1 OF 1	
REVISIONS						06/27/05		DRAW <i>Pair</i>	