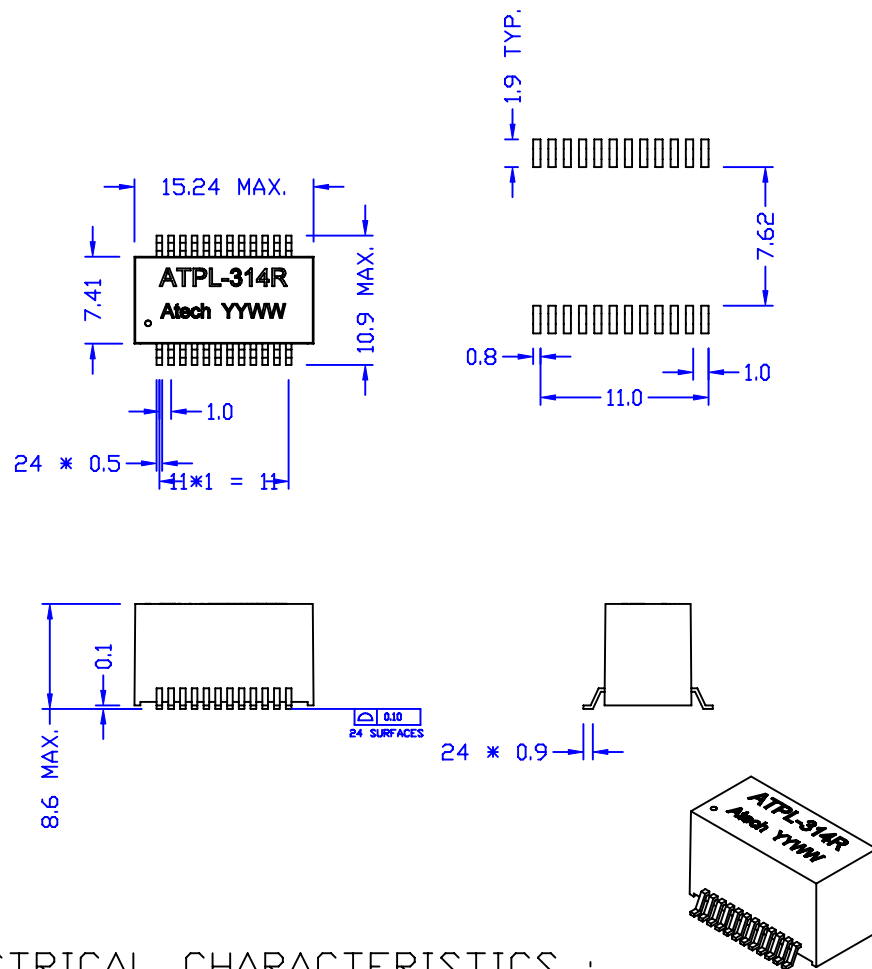
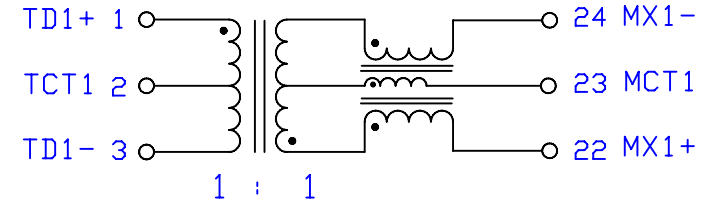




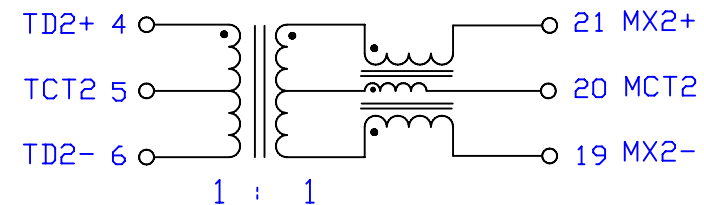
ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX/RX = 1CT : 1CT
2. PRI OCL(@100KHZ/0.1V WITH 8mADC BIAS) : 350uH MIN.
3. HI-POT : 1500V
4. CROSS TALK : 1 MHZ - -50dB MIN.
 $10-100\text{MHZ} = -55\text{dB} + 22\text{dB} * \log_{10}(f/10)$
5. INSERTION LOSS: 100KHZ = -1.2dB MAX.
 $1-125\text{MHZ} = -0.2\text{dB} - 0.02\text{dB} * f^{1.4}$
6. RETURN LOSS(@100 OHM) : 0.1-40MHZ = -16dB
 $40-100\text{MHZ} = -10 + 20\text{dB} * \log_{10}(f/80)$
7. DCMR : 2MHZ = -50dB MIN.
 $30-200\text{MHZ} = -43\text{dB} + 22\text{dB} * \log_{10}(f/30)$
8. D.C.R : 1/2 WINDING = 0.65 OHM MAX.
 CENTER TAP SYMMETRY = 0.065 OHM MAX.
9. RoHS COMPLIANT

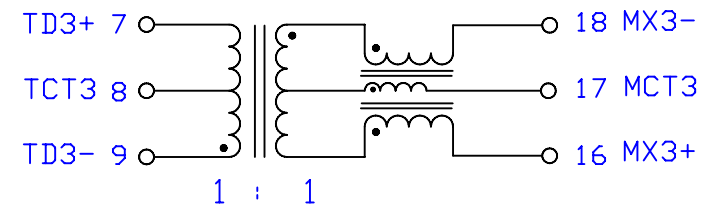
CHANNEL 1



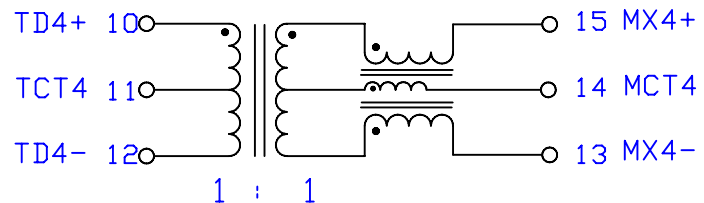
CHANNEL 2



CHANNEL 3



CHANNEL 4



						Atech® Atech Technology Co., Ltd. TEL:02794-6667 FAX:02794-8004		TITLE 100/1000BASE-T MAGNETIC MODULE	
								DWG. NO. ATPL-314R	
A	CHANGE PIN ASSIGNMENT	09/04/2007	PAIR	ANGEL	EUGENE	UNITS:		SAFETY	SHEET 1 OF 1
	RELEASE	07/05/2007	PAIR	AL	EUGENE	M/M			
NO:	DESCRIPTION	DATE	BY	CHK	APPD	DATE			DRAW
REVISIONS						07/05/07			<i>Pair</i>