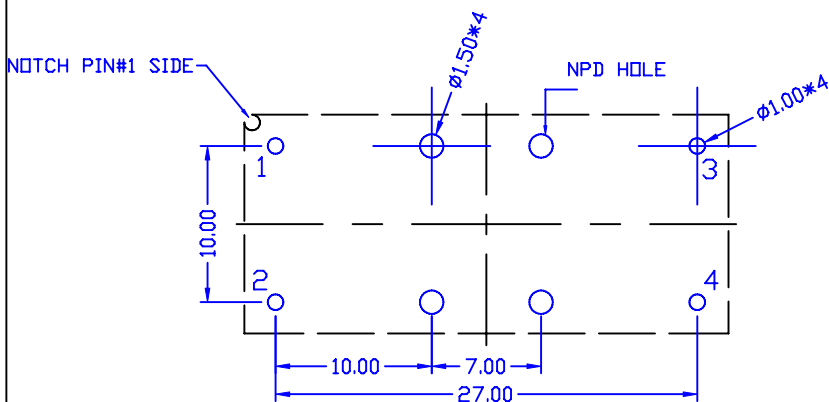
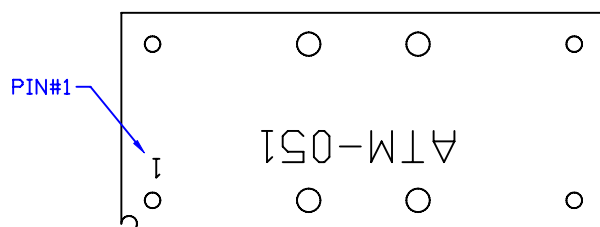
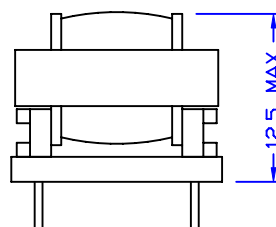
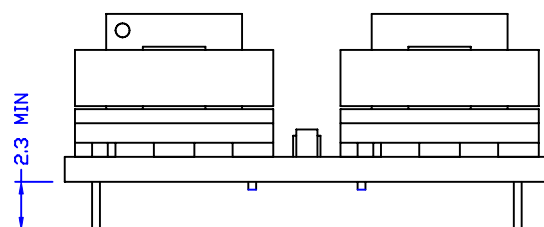
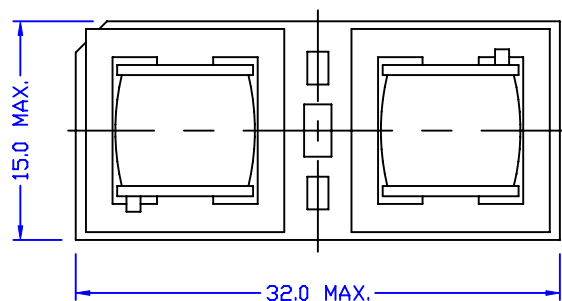
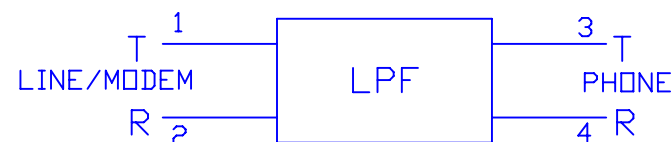




P.C.B LAYOUT RECOMMENDATION



ELECTRICAL CHARACTERISTICS : MEET ITU-T G.992.1

1. LINE IMPEDANCE : 600 OHM.
2. DCR EACH LINE : 12.5 OHM MAX.
3. INSERTION LOSS (<@1KHZ) : 1dB MAX.
4. INSERTION LOSS DISTORTION (<@200HZ-4KHZ) : ± 1 dB
5. RETURN LOSS (<@300HZ-500HZ) : 14dB MIN.
(<@500HZ-2KHZ) : 18dB MIN.
(<@2KHZ-3.4KHZ) : 14dB MIN.
6. LONGITUDINAL BALANCE (<@200HZ-3KHZ) : 53 dB MIN.
7. DELAY DISTORTION (<@200HZ-4KHZ) : 200uSEC MAX.
8. ATTENUATION (<@32KHZ-500KHZ) : 30 dB MIN.
(<@500KHZ-1.1MHZ) : 55 dB MIN.
9. METERING : IMPEDANCE 200 OHM
(<@12KHZ OR 16KHZ) = 3 dB MAX.
10. ISOLATION (<@T-G, R-G) : 10M OHM MIN.
11. POTS LOOP CURRENTS : 120mA
12. POTS TIP TO RING DC VOLTAGE : 0-60V
13. POTS RINGING SIGNAL FROM 20HZ TO 30HZ : 103 Vrms
- 14 RoHS Compliant

						Atech® Atech Technology Co., Ltd. TEL:02)2794-6667 FAX:02)2794-8004		TITLE ADSL MODULE	
								W/H 16KHz METERING	
A	LABEL PIN#1							DWG. NO. ATM-051R	
	RELEASE	06/23/2006	PAIR	EUEGEN	SUEDY	UNITS: M/M		SAFETY	SHEET 1 OF 1
NO.	DESCRIPTION	DATE	BY	CHK	APPD	DATE			DRAW
REVISIONS						06/23/06		Pair	