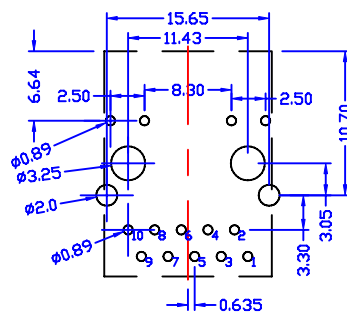
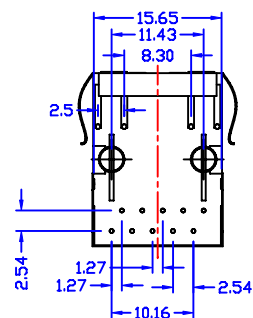
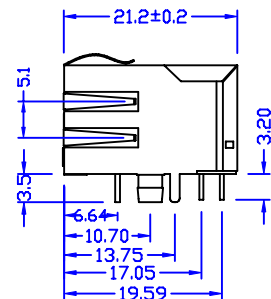
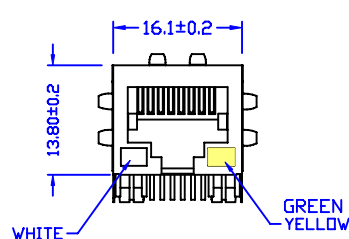
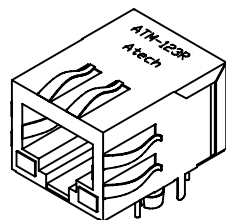
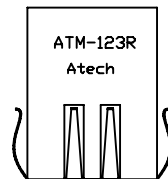
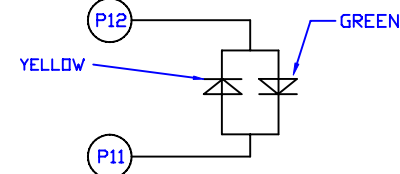
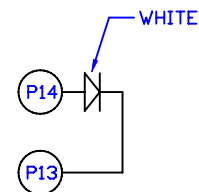
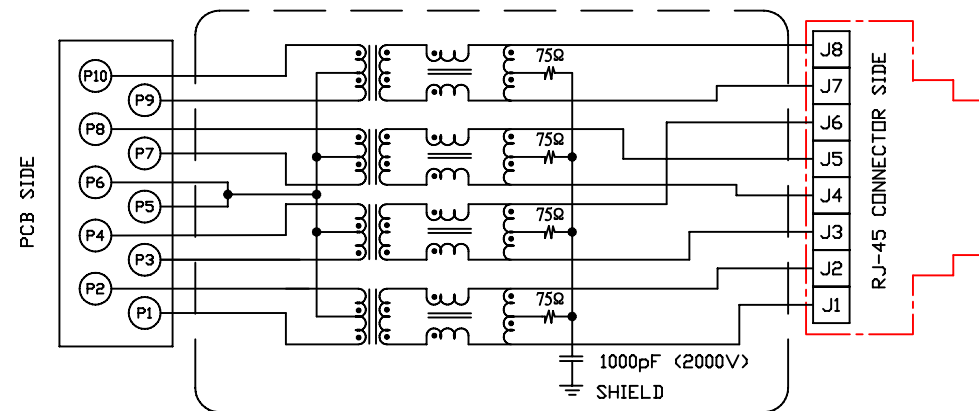




PC BOARD LAYOUT REF.



## ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX/RX = 1CT : 1CT  $\pm 3\%$ .
2. HI-POT : 1500 Vrms.
3. DCL(@100KHZ/0.1Vrms, WITH 8MA DC BIAS) : 350uH MIN.
4. INSERTION LOSS (@0.1-100MHZ) = -1.0 dB MAX.
5. RETURN LOSS : 1~30MHZ = -18dB MIN.  
40MHZ = -14dB MIN.  
50MHZ = -13dB MIN.  
60~80MHZ = -12dB MIN.  
100MHZ = -10dB MIN.
6. RISE TIME(10-90%) : 2.5ns TYP.
7. RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.3$

|           |             |            |      |        |        |                                                                                                      |  |                     |  |
|-----------|-------------|------------|------|--------|--------|------------------------------------------------------------------------------------------------------|--|---------------------|--|
|           |             |            |      |        |        | <div>Atech®</div> <div>Atech Technology Co., Ltd.</div> <div>TEL:0212794-6667 FAX:0212794-8004</div> |  | TITLE               |  |
|           |             |            |      |        |        |                                                                                                      |  | LAN—MATE            |  |
|           |             |            |      |        |        |                                                                                                      |  | DWG. NO.            |  |
|           |             |            |      |        |        |                                                                                                      |  | ATM—123R            |  |
|           | RELEASE     | 05/08/2007 | PAIR | WILLIE | EUGENE | UNITS:<br>M/M                                                                                        |  | SAFETY              |  |
| NO.       | DESCRIPTION | DATE       | BY   | CHK    | APPD   | DATE                                                                                                 |  | SHEET 1 OF 1        |  |
| REVISIONS |             |            |      |        |        | 05/08/07                                                                                             |  | DRAW<br><i>Pair</i> |  |