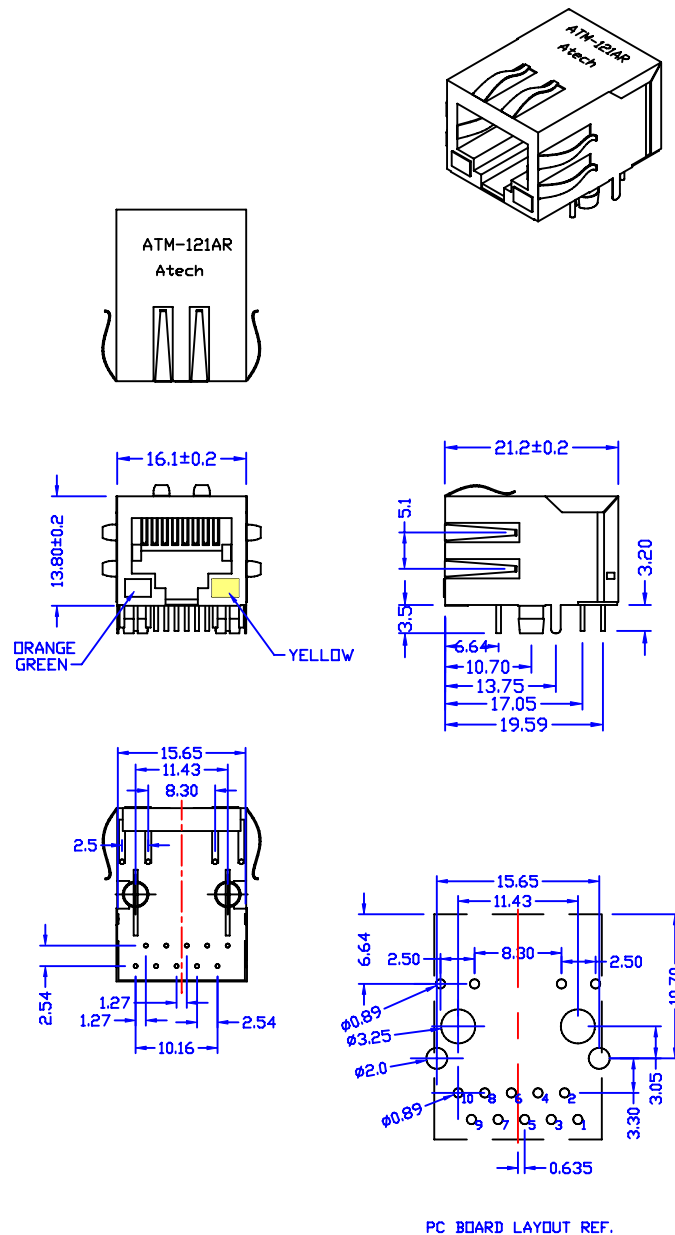
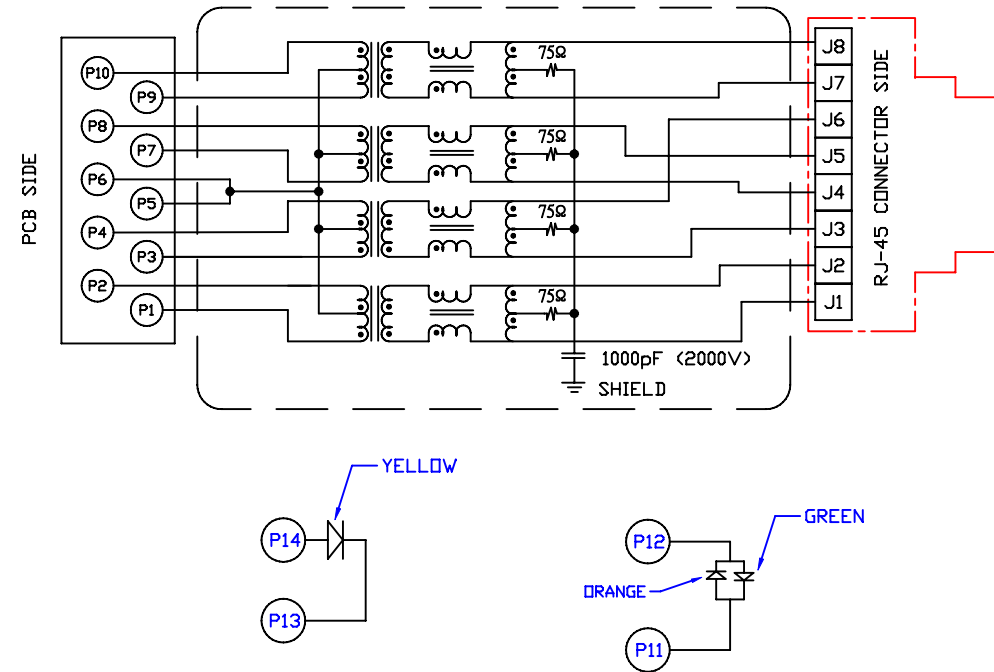




PC BOARD LAYOUT REF.

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE ±0.3



# ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX/RX = 1CT : 1CT ±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

|           |             |            |      |        |        |                                                                                |                        |                     |
|-----------|-------------|------------|------|--------|--------|--------------------------------------------------------------------------------|------------------------|---------------------|
|           |             |            |      |        |        | <b>Atech®</b><br>Atech Technology Co., Ltd.<br>TEL:022794-6667 FAX:022794-8004 | TITLE 1000<br>LAN-MATE |                     |
|           |             |            |      |        |        |                                                                                | DWG. NO.<br>ATM-121AR  |                     |
|           |             |            |      |        |        |                                                                                |                        |                     |
|           | RELEASE     | 05/11/2007 | PAIR | WILLIE | EUGENE | UNITS:<br>M/M                                                                  | SAFETY                 | SHEET 1 OF 1        |
| NO:       | DESCRIPTION | DATE       | BY   | CHK    | APPD   | DATE                                                                           |                        | DRAW<br><i>Pair</i> |
| REVISIONS |             |            |      |        |        | 05/11/07                                                                       |                        |                     |