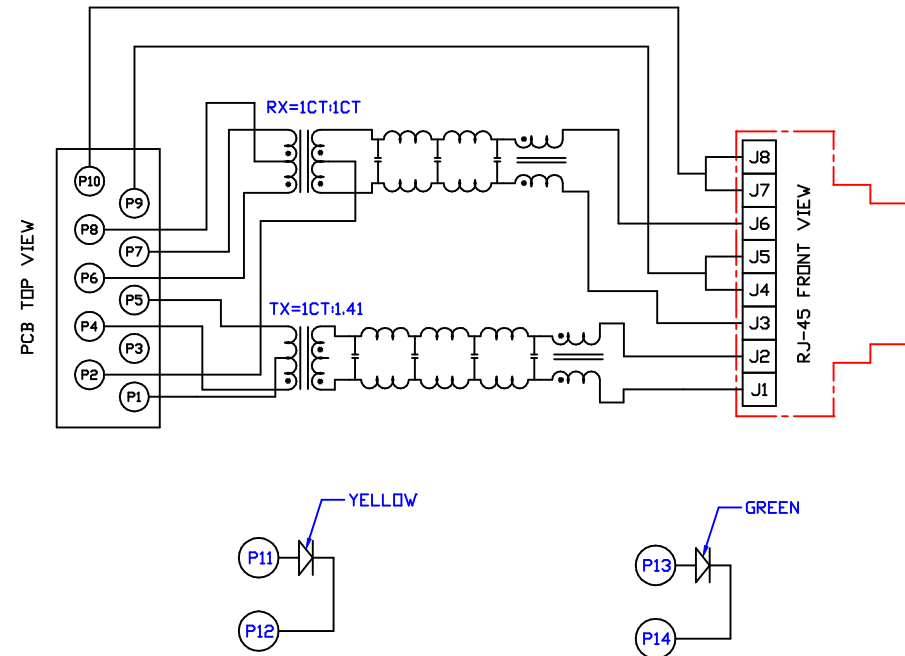
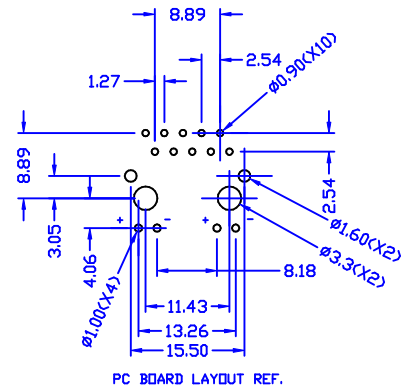
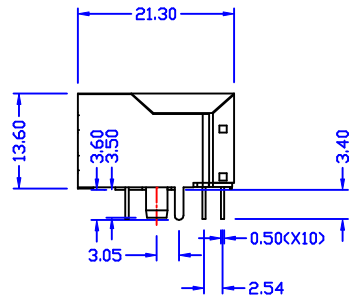
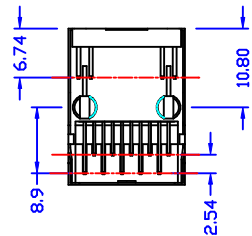
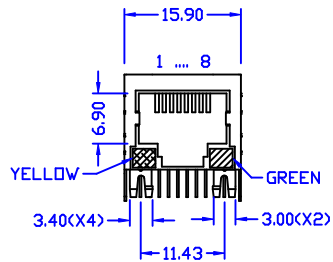
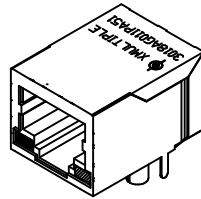
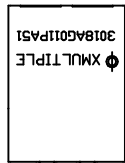




#### ELECTRICAL CHARACTERISTICS :

1. TURNS RATIO : TX = 1CT:1.414  $\pm 3\%$ .  
RX = 1CT:1CT  $\pm 3\%$ .
2. CROSS TALK : 1~30MHZ = -30 dB MIN.
3. HI-POT : 1200 Vrms.
4. RETURN LOSS TX & RX : 5~10MHZ = -17 dB TYP.
5. INSERTION LOSS TX & RX : 1~10MHZ = -1.15 dB MAX.
6. DCR : P4-P5 = 1.5 OHM MAX.  
J3-J6 = 2.0 OHM MAX.
7. ATTENUATION :  
TX: 20 MHZ = -5 dB MIN.  
25 MHZ = -18 dB MIN.  
30 MHZ = -28 dB MIN.  
40 MHZ = -33 dB MIN.  
RX: 20 MHZ = -4.2 dB MIN.  
25 MHZ = -11 dB MIN.  
30 MHZ = -16 dB MIN.  
40 MHZ = -26 dB MIN.
8. COMMON MODE REJECTION :  
30~100 MHZ = -30 dB MIN.

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.3$

|           |             |      |    |       |      |                                   |  |               |  |
|-----------|-------------|------|----|-------|------|-----------------------------------|--|---------------|--|
|           |             |      |    |       |      | <b>Atech®</b>                     |  | TITLE         |  |
|           |             |      |    |       |      | Atech Technology Co., Ltd.        |  | LAN-MATE      |  |
|           |             |      |    |       |      | TEL:02/2794-6667 FAX:02/2794-8004 |  | DWG. NO.      |  |
|           |             |      |    |       |      |                                   |  | 3018AG011PA51 |  |
|           |             |      |    |       |      | UNITS:                            |  | SAFETY        |  |
|           |             |      |    |       |      | M/M                               |  | SHEET OF 1    |  |
|           |             |      |    |       |      | DATE                              |  | DRAW          |  |
|           |             |      |    |       |      | 11/04/04                          |  | Pair          |  |
| REVISIONS |             |      |    |       |      |                                   |  |               |  |
| RELEASE   | 11/04/2004  | BART | AL | SUEDY |      |                                   |  |               |  |
| ND        | DESCRIPTION | DATE | BY | CHK   | APPD |                                   |  |               |  |