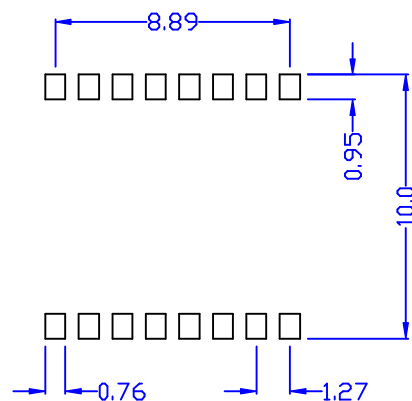
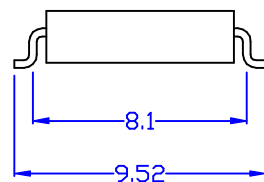
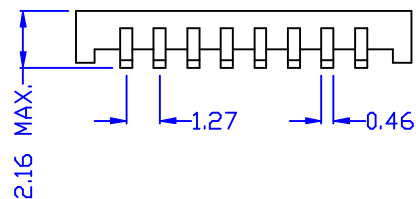
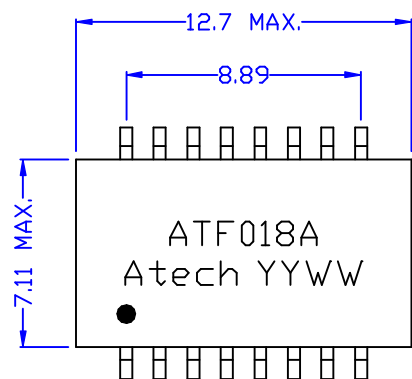
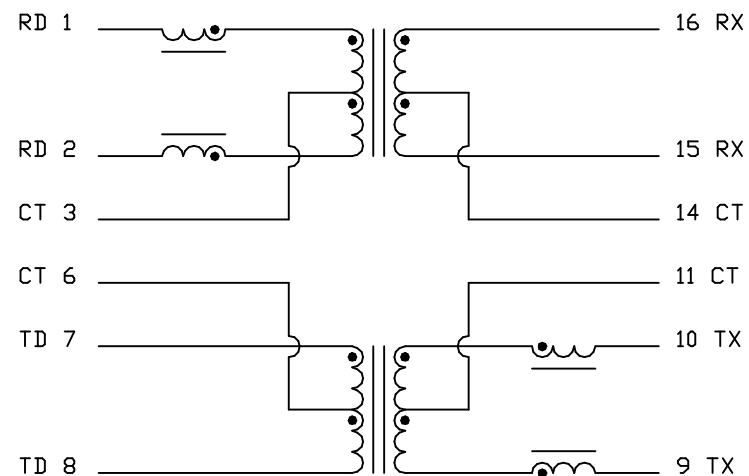




TOLERANCES :  $\pm 0.20$



# ELECTRICAL SPECIFICATIONS : (H0019 COMPATIBLE)

1. INSERTION LOSS (@100KHZ~100MHZ) : -0.9dB MAX.
2. TURN RATIO ( $\pm 5\%$ ) : RX 1CT : 1CT  
TX 1CT : 1CT
3. RETURN LOSS (dB MIN) : 30MHZ 60MHZ 80MHZ  
-18 -12 -11
4. CROSS TALK (dB MIN) : @30MHZ @62MHZ @100MHZ  
-45 -45 -37
5. CMRR (dB MIN) : 30MHZ 100MHZ  
-40 -30
6. HI-POT ISOLATION : PRI-SEC (@1500VAC, 1mA, 2SEC)
7. DCR : PIN 1-2 = 9-10 = 1 OHM MAX.  
PIN 7-8 = 16-15 = 0.7 OHM MAX. (EACH WINDING)
8. INDUCTANCE : 1-2 = 7-8 = 290uH MIN (@100KHZ, 0.2Vrms)

|           |             |            |       |     |       |                                                                                |                                 |             |
|-----------|-------------|------------|-------|-----|-------|--------------------------------------------------------------------------------|---------------------------------|-------------|
|           |             |            |       |     |       | <b>Atech®</b><br>Atech Technology Co., Ltd.<br>TEL:022794-6667 FAX:022794-8004 | TITLE 10/100 BASE-T TRANSFORMER |             |
| A         | DCR         | 05/17/2002 | DOLLY | AL  | SUEDY |                                                                                | DWG. NO. ATF018A                |             |
|           | RELEASE     | 03/20/2002 | DOLLY | AL  | SUEDY | UNITS: M/M                                                                     | SAFETY                          | SHEET 1OF 1 |
| NO.       | DESCRIPTION | DATE       | BY    | CHK | APPD  | DATE                                                                           |                                 | DRAW Pair   |
| REVISIONS |             |            |       |     |       | 03/20/02                                                                       |                                 |             |