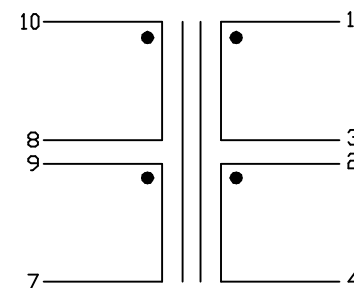
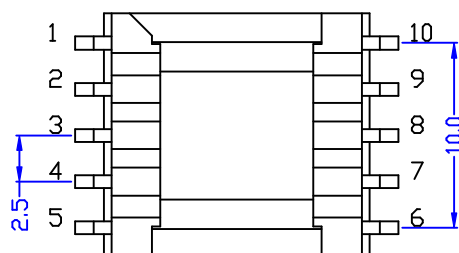
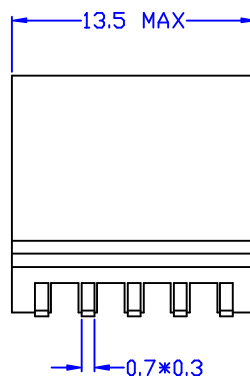
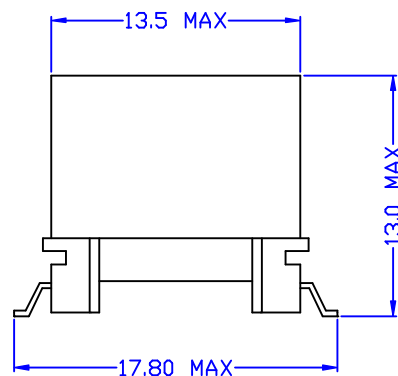


DOT PIN#1



## ELECTRICAL CHARACTERISTICS :

<TRTEP13S-U235B014 COMPATIBLE>

- DCR : PIN 1-3 =  $1.68 \Omega \pm 12\%$   
PIN 2-4 =  $2.05 \Omega \pm 12\%$   
PIN 7-9 =  $1.86 \Omega \pm 12\%$   
PIN 8-10 =  $1.55 \Omega \pm 12\%$
- INDUCTANCE (@10KHZ, 0.1Vrms) :  
PIN 10-7 (8-9 SHORT) =  $5\text{mH} \pm 10\%$
- LEAKAGE INDUCTANCE (@100KHZ, 0.1Vrms) :  
PIN 10-7 (8-9, 1-3, 2-4 SHORT) =  $15\mu\text{H MAX.}$
- THD (@100KHZ, 4Vrms) :  
PIN 10-7 (8-9, 2-3 SHORT, 1-4 W/H  $100 \Omega$ ) =  $-80\text{dB MAX.}$
- TURN RATIO :  
(@2KHZ, 1Vrms) PIN 10-7 : 1-4 (8-9, 2-3 SHORT) =  $1 \pm 1\%$   
(@8KHZ, 1Vrms) PIN 10-8 : 1-3 =  $1 \pm 1\%$
- HI-POT (@1500Vrms, 1mA, 60SEC) : PIN 1-10 (2-3, 8-9 SHORT)

|           |               |            |      |       |                                                                                |          |                        |                   |
|-----------|---------------|------------|------|-------|--------------------------------------------------------------------------------|----------|------------------------|-------------------|
|           |               |            |      |       | <b>Atech®</b><br>Atech Technology Co., Ltd.<br>TEL:022794-6667 FAX:022794-8004 |          | TITLE ADSL TRANSFORMER |                   |
| B         | W = 13.5 MAX. | 06/25/2003 | RORY | AL    |                                                                                |          | SUEDY                  | DWG. NO. ATS-424E |
| A         | ELECTRICAL    | 06/05/2003 | RORY | KEVIN | SUEDY                                                                          |          |                        |                   |
|           | RELEASE       | 04/17/2003 | RORY | KEVIN | SUEDY                                                                          | UNITS:   | SAFETY                 | SHEET 1 OF 1      |
| NO:       | DESCRIPTION   | DATE       | BY   | CHK   | APPD                                                                           | M/M      |                        |                   |
|           |               |            |      |       |                                                                                | DATE     |                        |                   |
| REVISIONS |               |            |      |       |                                                                                | 04/17/03 |                        | Pair              |