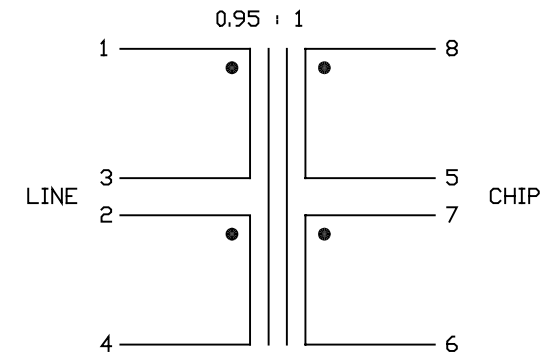
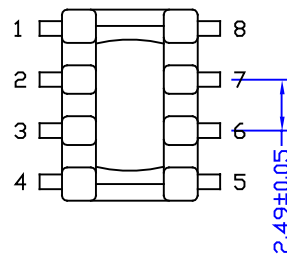
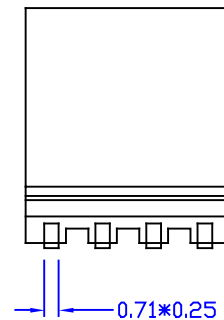
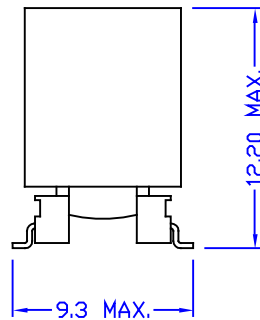
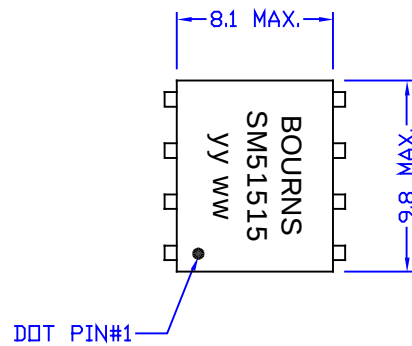




## ELECTRICAL CHARACTERISTICS :

- DCR : PIN 1-3 = 0.65 OHM MAX.  
PIN 2-4 = 0.65 OHM MAX.  
PIN 5-8 = 0.65 OHM MAX.  
PIN 6-7 = 0.83 OHM MAX.
- INDUCTANCE (@10KHZ, 0.1Vrms) :  
PIN 1-4 (2-3 SHORT) = 85 uH ±5%.  
PIN 8-6 (5-7 SHORT) = 94 uH ±5%.
- LEAKAGE INDUCATNCE (@100KHZ, 0.1Vrms) :  
PIN 1-4 (2-3, 5-8, 6-7 SHRD) = 2.5 uH MAX.  
PIN 8-6 (2-3, 1-4, 5-7 SHORT) = 3 uH MAX.
- INTERWINDING CAP. (@100KHZ, 0.1Vrms)  
PIN 1-8 (2-3, 5-7 SHORT) =30 pF TYP.
- LONGITUDINAL BAL. : 20KHZ~1.1MHZ = 50 dB MIN.
- THD (50KHZ, 2Vrms) :  
PIN 1-4 (2-3, 5-7 SHORT, 8-6 W/H 110.8 OHM) = -80 dB MAX.
- TURN RATIO (@1.5MHZ, 1Vrms) :  
PIN 1-4:8-6 (2-3, 5-7 SHORT) = 0.95 ±1%.
- HI-POT (@2050VAC, 0.5mA, 2S) :  
PIN 1-8 (2-3, 5-7 SHORT)

|           |             |            |      |       |       |                            |  |                             |  |
|-----------|-------------|------------|------|-------|-------|----------------------------|--|-----------------------------|--|
|           |             |            |      |       |       | <b>Atech®</b>              |  | TITLE ADSL LINE TRANSFORMER |  |
|           |             |            |      |       |       | Atech Technology Co., Ltd. |  | DWG. NO. SM51515            |  |
|           |             |            |      |       |       | UNITS: M/M                 |  | SAFETY                      |  |
|           |             |            |      |       |       | DATE                       |  | SHEET 1 OF 1                |  |
|           |             |            |      |       |       | 06/15/04                   |  | DRAW Pair                   |  |
| REVISIONS |             |            |      |       |       |                            |  |                             |  |
| NO.       | DESCRIPTION | DATE       | BY   | CHK   | APPD  |                            |  |                             |  |
|           | RELEASE     | 06/15/2004 | PAIR | KEVIN | SUEDY |                            |  |                             |  |