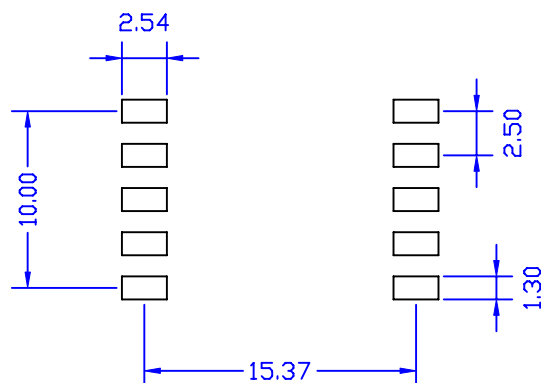
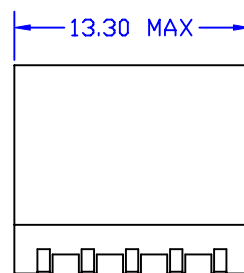
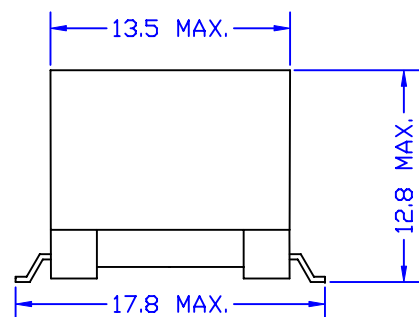
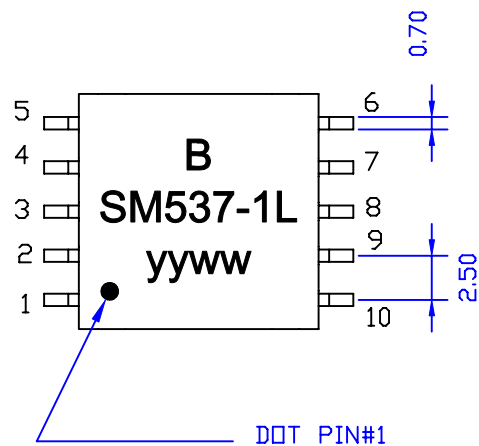
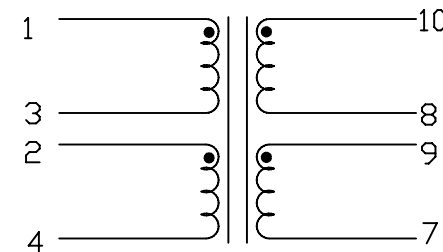




SUGGESTED PAD LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.25$



### ELECTRICAL CHARACTERISTICS :

- DCR : PIN 1-4(2-3 SHORT) = 1.3 OHM MAX.  
PIN 7-10(8-9 SHORT) = 1.5 OHM MAX.
- INDUCTANCE (@10KHz, 0.1Vrms ALC = OFF) :  
PIN 1-4 (2-3 SHORT) = 2.03mH MIN.  
PIN 7-10 (8-9 SHORT) = 1.75mH MIN.
- LEAKAGE INDUCTANCE (@100KHz, 0.1 Vrms) :  
PIN 7-10 (1-4, 2-3, 8-9 SHORT) = 7.5 uH MAX.
- INSERTION LOSS (@300 KHz 0dBm)  
PIN1-4(2-3,8-9 SHORT LOAD 100OHM) = 0.5 dB MAX.
- LONGITUDINAL BAL.(@10KHZ ~1.1MHZ)  
10KHz = 50 dB MIN.  
1.1 MHz = 50 dB MIN.
- TURN RATIO (@10KHz, 0.1 Vrms) :  
PIN 1-4:10-7 (2-3 , 8-9 SHORT ) 1.11  $\pm 2\%$ .
- HI-POT : (1500VAC, 1 mA, 2S) PIN 1-10 ( 2-3 , 8-9 SHORT)
- RoHS COMPLIANT

|           |             |      |    |     |      |                                 |  |              |
|-----------|-------------|------|----|-----|------|---------------------------------|--|--------------|
|           |             |      |    |     |      | <b>Atech®</b>                   |  | TITLE        |
|           |             |      |    |     |      | Atech Technology Co. Ltd.       |  | TRANSFORMER  |
|           |             |      |    |     |      | TEL:022794-6667 FAX:022794-8004 |  | DWG. NO.     |
|           |             |      |    |     |      | UNITS:                          |  | SM537-1EL    |
|           |             |      |    |     |      | M/M                             |  | SHEET 1 OF 1 |
| NO        | DESCRIPTION | DATE | BY | CHK | APPD | DATE                            |  | DRAW         |
| REVISIONS |             |      |    |     |      | 05/23/08                        |  | Pair         |