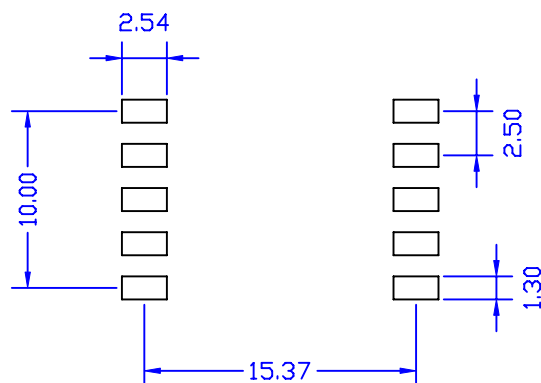
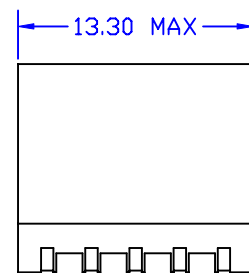
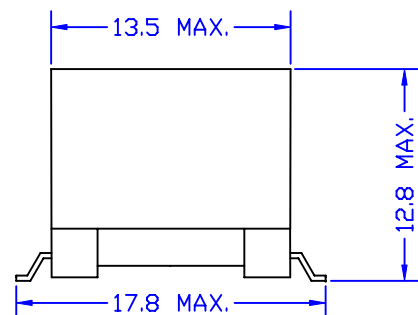
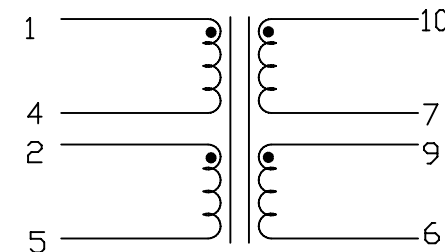
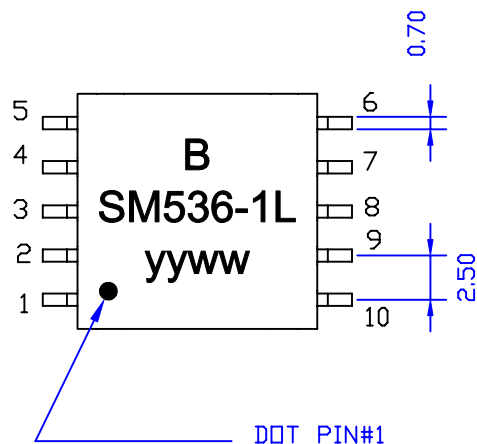




SUGGESTED PAD LAYOUT

UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE  $\pm 0.25$

## ELECTRICAL CHARACTERISTICS :

- DCR : PIN 1-4 = 0.45 OHM MAX.  
PIN 2-5 = 0.45 OHM MAX.  
PIN 6-9 = 0.35 OHM MAX.  
PIN 7-10 = 0.35 MAX.
- INDUCTANCE (@10KHz, 0.1Vrms ALC = OFF) :  
PIN 1-5 (2-4 SHORT) = 430uH  $\pm 10\%$ .  
PIN 10-6 (7-9 SHORT) = 430uH  $\pm 10\%$ .
- LEAKAGE INDUCTANCE (@100KHz, 0.1 Vrms) :  
PIN 1-5 (2-4, 6-9, 7-10 SHORT) = 10 uH MAX.
- INSERTION LOSS (@772 KHz LOAD 100 OHM, 2-4 , 9-7, SHORT) 1-5 = 0.5 dB MAX.
- LONGITUDINAL BAL.(@25KHZ ~1.1MHZ)  
25 KHz 1-5 = 40 dB MIN.  
1.1 MHz 1-5 = 40 dB MIN.
- TURN RATIO (@10KHz, 0.1 Vrms) :  
PIN 10-7:1-4 (2-4 , 7-9 SHORT ) 1-5 : 10-6= 1  $\pm 2\%$ .
- HI-POT : 1870VAC, 1 mA, 2S ( 2-4 , 7-9 SHORT)
- RoHS COMPLIANT

|           |  |             |      |         |        |                                   |            |              |
|-----------|--|-------------|------|---------|--------|-----------------------------------|------------|--------------|
|           |  |             |      |         |        | <b>Atech®</b>                     |            | TITLE        |
|           |  |             |      |         |        | Atech Technology Co. Ltd.         |            | TRANSFORMER  |
|           |  |             |      |         |        | TEL:0212794-6667 FAX:0212794-8004 |            | DWG. NO.     |
|           |  |             |      |         |        |                                   |            | SM536-1EL    |
| RELEASE   |  | 08/30/2006  | PAIR | MICHAEL | EUGENE | UNITS:                            | SAFETY     | SHEET 1 OF 1 |
| NO        |  | DESCRIPTION | DATE | BY      | CHK    | APPD                              | P/N:       |              |
| REVISIONS |  |             |      |         |        | 08/30/06                          | CTA41303MA | DRAW         |
|           |  |             |      |         |        |                                   |            | Pair         |