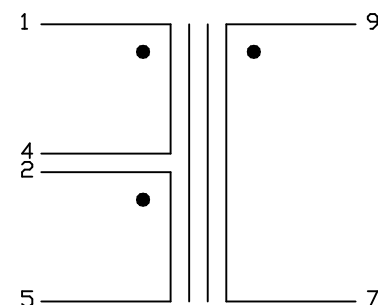
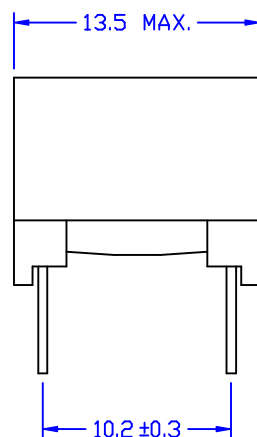
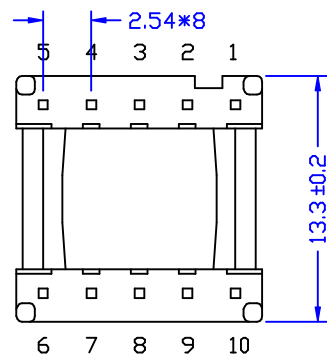
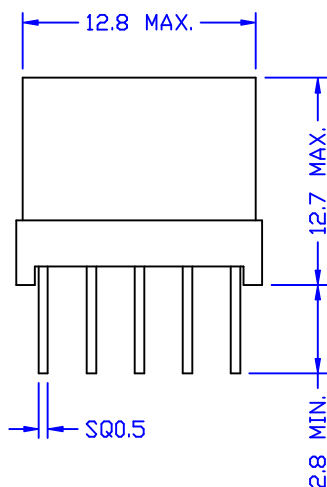
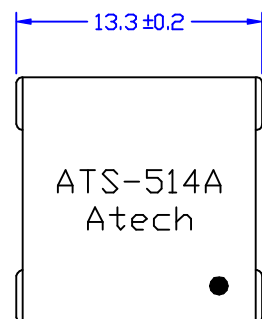




## ELECTRICAL CHARACTERISTICS : (38136 COMPATIBLE)

- D.C.R. : PIN 1-4 = 2-5 =  $1.45 \text{ OHM} \pm 10\%$   
PIN 9-7 =  $0.45 \text{ OHM} \pm 10\%$
- INDUCTANCE (@10KHZ, 0.1Vrms) : PIN 1-5 (2-4 SHORT) =  $2.07\text{mH} \pm 4\%$   
(@100mADC) =  $2.07\text{mH} \pm 4\%$
- LEAKAGE INDUCTANCE (@100KHZ, 0.1Vrms) :  
PIN 1-5 (2-4 9-7 SHORT) =  $15\mu\text{H MAX.}$
- INTERWINDING CAP. (@100KHZ, 0.1Vrms) :  
PIN 1-9 (1-5, 2-4, 9-7 SHORT) =  $65\text{pF MAX.}$
- INSERTION LOSS (@100KHZ, 9-7 W/H  $8.4 \text{ OHM}$  LOAD) :  
PIN 1-5 (2-4 SHORT) =  $0.5\text{dB MAX.}$
- FREQ. RESP. (@REF 100KHZ) : (@40KHZ) =  $\pm 1\text{dB}$   
(@1MHZ) =  $\pm 1\text{dB}$
- RETURN LOSS (@9-7 W/H  $8.4 \text{ OHM}$  LOAD, REF  $135 \text{ OHM}$ ) :  
(@40KHZ) =  $15\text{dB MIN.}$   
(@270KHZ) =  $15\text{dB MIN.}$   
(@500KHZ) =  $15\text{dB MIN.}$
- TURN RATIO (@30KHZ, 0.1Vrms) :  
PIN 1-5 : PIN 9-7 (2-4 SHORT) =  $4 \pm 1\%$
- HI-POT (@1875Vrms, 0.5mA, 1SEC) : PRI - SEC

|           |             |            |       |      |       |                                                                                        |                            |        |
|-----------|-------------|------------|-------|------|-------|----------------------------------------------------------------------------------------|----------------------------|--------|
|           |             |            |       |      |       | <b>Atech®</b><br>Atech Technology Co., Ltd.<br>TEL: (82) 2794-6667 FAX: (82) 2794-8804 | TITLE SHDSL<br>TRANSFORMER |        |
|           |             |            |       |      |       |                                                                                        | DWG. NO.<br>ATS-514A       |        |
|           | RELEASE     | 11/16/2001 | DOLLY | JEFF | SUEDY |                                                                                        | UNITS:<br>M/M              | SAFETY |
| NO.       | DESCRIPTION | DATE       | BY    | CHK  | APPD  | DATE<br>11/16/01                                                                       | SHEET 1 OF 1               |        |
| REVISIONS |             |            |       |      |       |                                                                                        | DRAW<br><i>Pair</i>        |        |