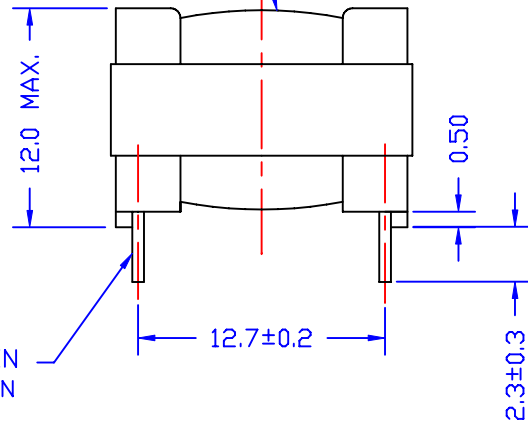
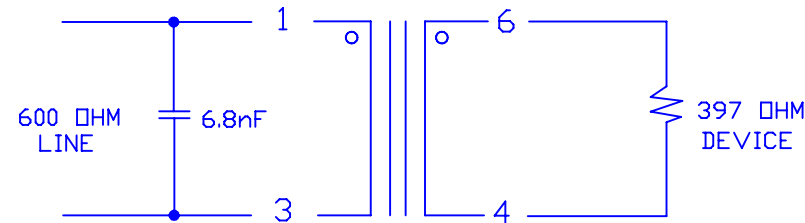
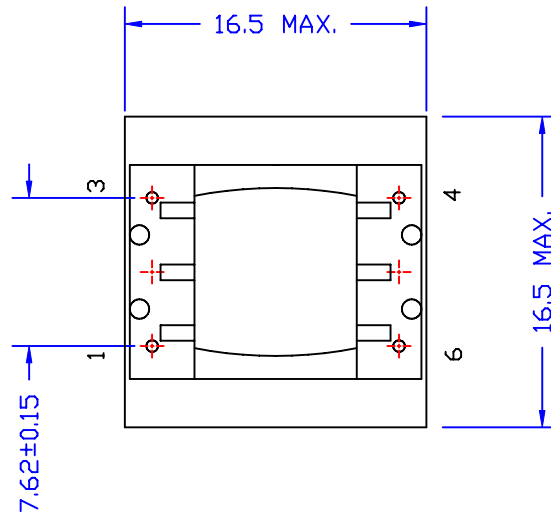


BLACK DOT PIN#1

Atech  
ATS-117



0.5 SQ. PIN  
OR Ø0.6 PIN



OPTIMUM CLASS (B) 600 OHM MATCH

# ELECTRICAL CHARACTERISTICS: (TRUE V.34)

1. D.C.R. : PIN 1-3 = 115 OHM $\pm$ 8% PIN 6-4 = 91 OHM  $\pm$ 8%
2. INDUCTANCE(@250HZ,1Vrms, PARALLEL): PIN 1-3 = 19H MIN.(26H TYP.)
3. Q(@250HZ, 10mVrms) : PIN 1-3 = 1.2 MIN.
4. LEAKAGE INDUCTANCE(@250HZ, 1Vrms,SERIES) : PIN 1-3 = 5mH MAX.
5. RETURN LOSS : (REF. 600 OHM) 250 TO 4KHZ = 38dB MIN.
6. INSERTION LOSS : (@1KHZ,1Vrms)2dB MAX.
7. FREQ. RESPONSE: (REF. 1KHZ) 200 TO 4KHZ =  $\pm$ 0.2dB
8. LONGITUDINAL BALANCE : 200HZ-4KHZ 80dB MIN.
9. TURN RATIO : (6KHZ, 0.1Vrms) PIN 1-3 : 6-4 = 1 $\pm$ 1%
10. DISTORTION : 300HZ, -10dBm : -86dB MAX.
11. HI-POT : (@1500VAC, 1mA, 1MINUTE) PIN 1-6
12. RoHS COMPLIANT

|           |             |            |      |        |        |                                                                                                      |                                |              |
|-----------|-------------|------------|------|--------|--------|------------------------------------------------------------------------------------------------------|--------------------------------|--------------|
|           |             |            |      |        |        | <b>Atech<sup>®</sup></b><br><b>Atech Technology Co., Ltd.</b><br>TEL:(02)2794-6667 FAX:(02)2794-8004 | TITLE 600 : 397<br>TRANSFORMER |              |
|           |             |            |      |        |        |                                                                                                      | DWG. NO.<br>ATS-117R           |              |
| A         | ADD UL MARK | 06/27/2008 | PAir | Willie | Eugene | UNITS:<br>M/M                                                                                        | SAFETY                         | SHEET 1 OF 1 |
|           | RELEASE     | 07/31/2006 | PAIR |        | SUEDY  | DATE                                                                                                 | P/N:                           | DRAW         |
| NO:       | DESCRIPTION | DATE       | BY   | CHK    | APPD   | 07/31/06                                                                                             | CTP316035A                     | <i>Pair</i>  |
| REVISIONS |             |            |      |        |        |                                                                                                      |                                |              |