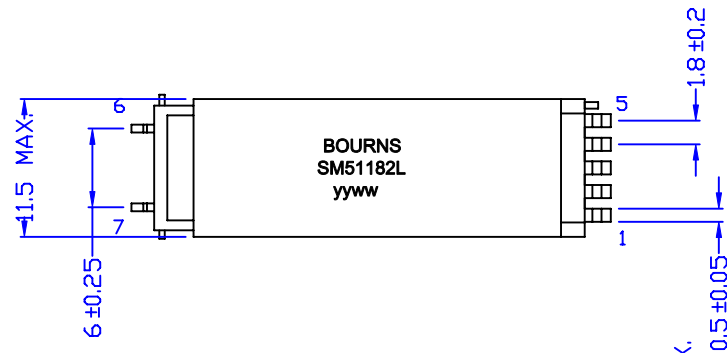
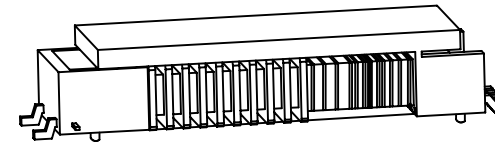
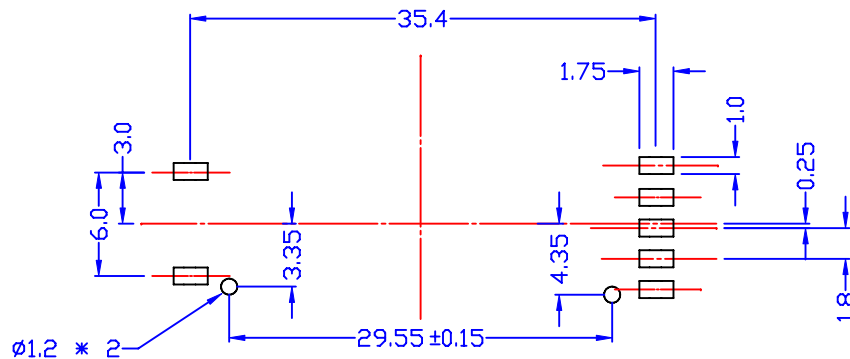
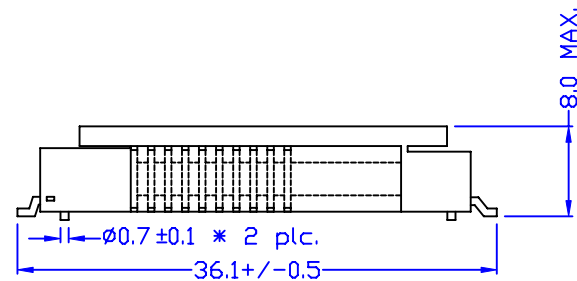
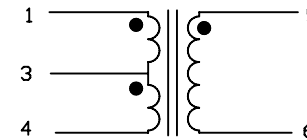


1.1 +/- 0.25



PAD LAYOUT

## ELECTRICAL CHARACTERISTICS :

- DCR : PIN 1-3 = 215 mΩ MAX.  
PIN 3-4 = 215 mΩ MAX.  
PIN 6-5 = 877 Ω MAX.
- INDUCTANCE : (@1KHZ, 1Vrms, ALC=OFF) PIN 1-3 = 51μH +/-10%  
PIN 3-4 = 51μH +/-10%  
PIN 6-5 = 500mH +/-10%
- LEAKAGE INDUCTANCE(@50KHZ, 1Vrms, 1Vrms, PIN1-4 SHORT) :  
6-5 = 190mH +/-10%
- HI-POT : (@500VAC, 5mA, 60SEC) PRI-SEC PRI-CORE  
(@1500VAC, 5mA, 60SEC) SEC-CORE
- INSULATION RESISTANCE(@500VDC, 100MΩ MIN.)  
PRI - SEC , PRI - CORE , SEC-CORE
- ABSOLUTE MAX. RATINGS:  
THE OUTPUT VOLTAGE OF TRANSFORMER(FOR IGNITION)=1800Vrms/2SEC  
OSCILLATION FREQUENCY = 40K ~ 80KHZ
- RoHS COMPLIANT

A: MOVEMENT TEMPERATURE -20°C ~ +130°C

B: STORAGE AMBIENT TEMPERATURE -30°C ~ +130°C

|           |               |            |      |        |        |                                  |            |              |
|-----------|---------------|------------|------|--------|--------|----------------------------------|------------|--------------|
| D         | ADD AXLE DIM  | 09/27/2007 | pair | willie | Eugene | <b>Bourns Inductive Solution</b> |            | TITLE        |
| C         | ADD TOLERANCE | 08/30/2007 | PAIR | WILLIE | EUGENE |                                  |            | TRANSFORMER  |
| B         | ADD BOSS      | 07/26/2007 | PAIR | WILLIE | EUGENE |                                  |            | DWG. NO.     |
|           | RELEASE       | 04/26/2007 | PAIR | WILLIE | EUGENE | UNITS:                           | SAFETY     | SM51182L     |
| NO        | DESCRIPTION   | DATE       | BY   | CHK    | APPD   | M/M                              |            | SHEET 1 OF 1 |
| REVISIONS |               |            |      |        |        | DATE                             | P/N:       | DRAW         |
|           |               |            |      |        |        | 04/26/07                         | CTVM29000A | Pair         |