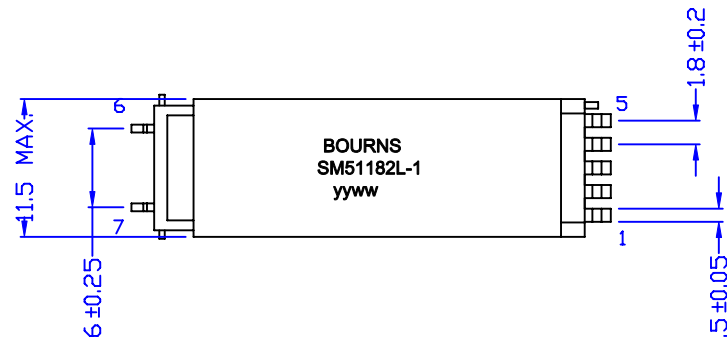
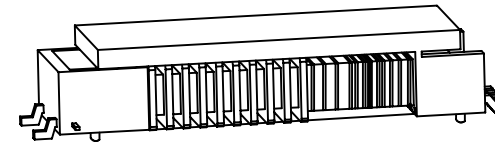
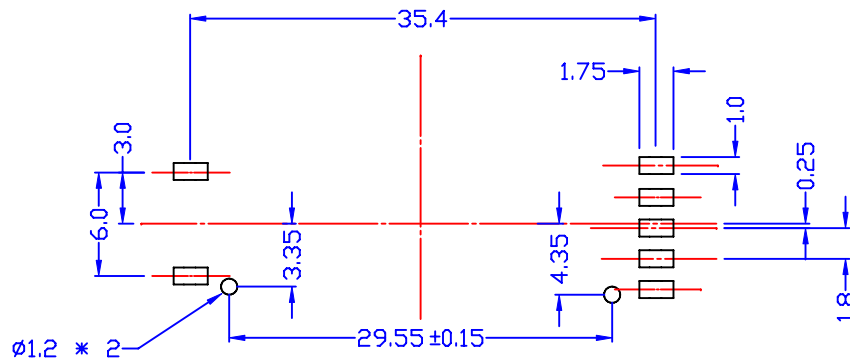
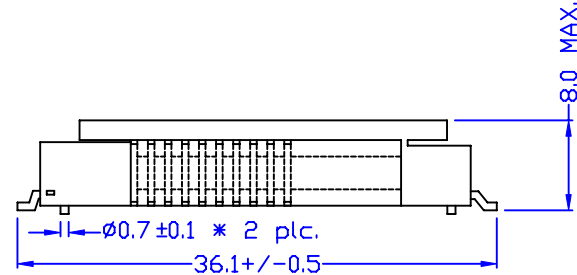
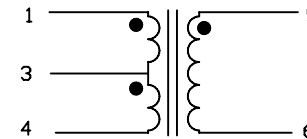


1.1 ± 0.25



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-CORE
(@2200VAC, 6.5mA, 60SEC) SEC-CORE, PRI-SEC
- INSULATION RESISTANCE(@500VDC, 100MΩ MIN.)
PRI - SEC , PRI - CORE , SEC-CORE
- ABSOLUTE MAX. RATINGS:
THE OUTPUT VOLTAGE OF TRANSFORMER(FOR IGNITION)=2200Vrms/2SEC
PEAK CURRENT 6.5mA MAX.
OSCILLATION FREQUENCY = 40K ~ 80KHZ
- RoHS COMPLIANT

A: OPERATION TEMPERATURE -30°C ~ +130°C

B: STORAGE AMBIENT TEMPERATURE -40°C ~ +130°C

					Bourns Inductive Solution		TITLE TRANSFORMER		
B	HI-POT	02/25/2008	Pair	Willie			Eugene	DWG. NO.	
A	TEMP OPERATION -30~+130 STORAGE -40 - +130*	01/10/2008	Pair	Willie			Eugene	SM51182L-1	
	RELEASE	11/01/2007	PAIR	WILLIE	EUGENE	UNITS: M/M	SAFETY	SHEET 1 OF 1	
NO	DESCRIPTION	DATE	BY	CHK	APPD	DATE	P/N:	DRAW Pair	
REVISIONS						11/01/07			