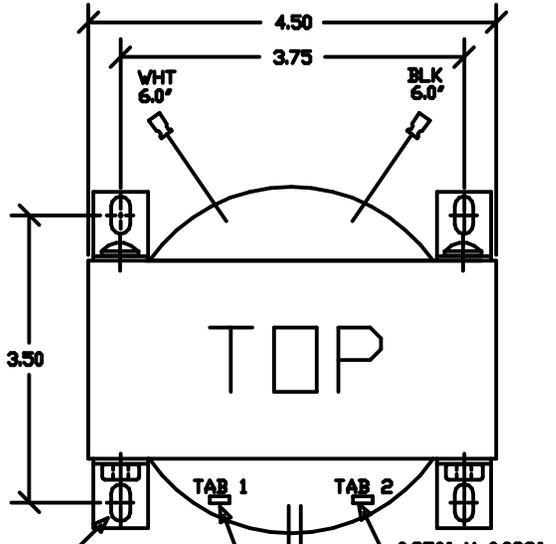
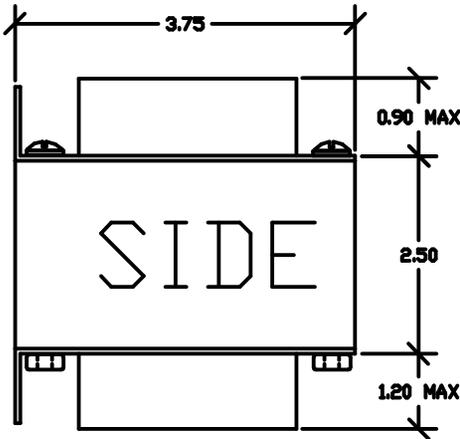
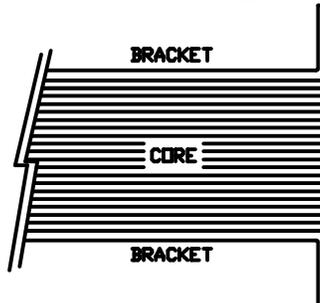
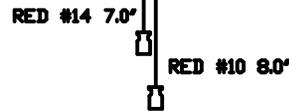


NOTES

- 1) LAMINATION TYPE 150-EI STACK 2.5", 24 GAUGE M54 STEEL
- 2) INTERLEAVED 1X1
- 3) HORIZONTAL MOUNT "L" BRACKETS
- 4) EXTERNAL LEAD LENGTH MEASURED FROM POINT OF EXIT FROM WINDINGS BEFORE TERMINALS ARE APPLIED (TOLERANCE ± .4")
- 5) NOTE POLARITIES
- 6) NOTE SECONDARY SHOULD HAVE CENTER TAPS ELECTRICALLY CONNECTED WITHIN THE TRANSFORMER
- 7) 0.250" MALE FASTON TABS ARE MOUNTED ON A BOARD INSIDE TRANSFORMER
- 8) TRANSFORMER WINDINGS ARE INTERLEAVED AS SHOWN IN DETAIL B
- 9) LEAKAGE INDUCTANCE FROM TAB 1 TO TAB 2 < 4uH @ 1KHz & 1V MEASURED WITH TAB 1 SHORTED TO #10 RED WIRE.
- 10) TO TEST WINDING COUNTS APPLY 120VAC TO PRIMARY (USE RMS OR AVERAGING METER TO VERIFY). EACH SECONDARY MUST READ: $120V \times \left(\frac{\text{SEC. TURNS}}{\text{PRIM. TURNS}} \right) \pm 1\%*$
* USING THE SAME METER.

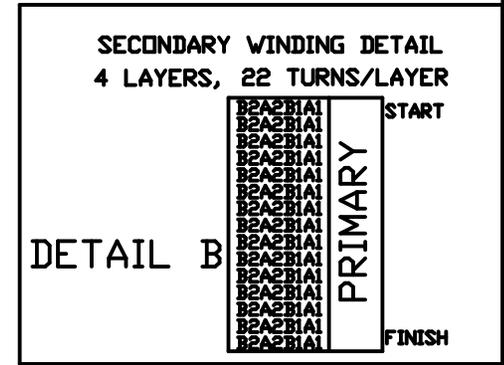
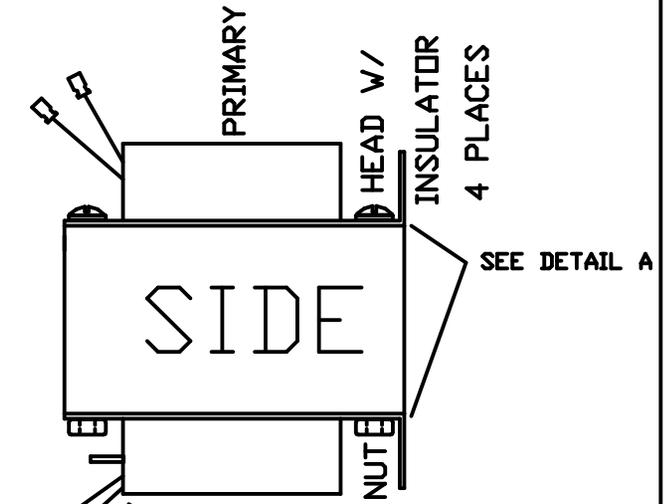


.200 X .375 TYP



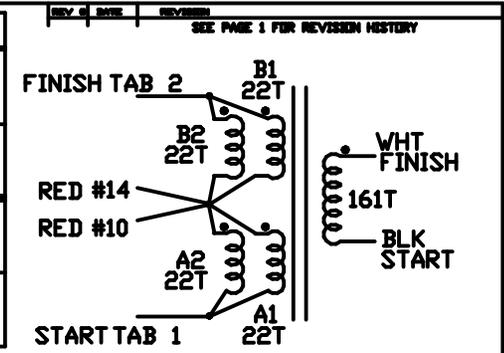
DETAIL A

BRACKETS TO BE FLUSH (WITHIN 0.030") TO BOTTOM OF CORE



| | | | |
|---------------------------------------|------------|-----------|-------|
| AMERICAN POWER CONVERSION CORP | | | |
| ITEM OUTPUT TRANSFORMER | | | |
| PART NO | QUANTITY | REV | DATE |
| BACKUPS 900/1250 | 430-2013-A | | |
| DATE 4/17/92 | BY JSS | SCALE 1:1 | REV 8 |

| WINDINGS | | |
|-----------|---------|-----------------------|
| PRIMARY | # TURNS | 161 |
| | AWG | 17 |
| SECONDARY | # TURNS | 88 TOTAL |
| | AWG | 12 SQUARE OR 11 ROUND |



SEE DETAIL B FOR A1, A2, B1, B2 WINDING

| EXTERNAL LEADS | | |
|----------------|------|----------------------------------|
| PRIMARY | TYPE | UL 3173, CSA CL1251 |
| | AWG | 16 |
| | TERM | AMP 3-520406-2 .25X.032 FASTON |
| SECONDARY | TYPE | UL 3173, CSA CL1251 |
| | AWG | 10 14 |
| | TERM | AMP 640907-1 AMP 3-520406-2 |