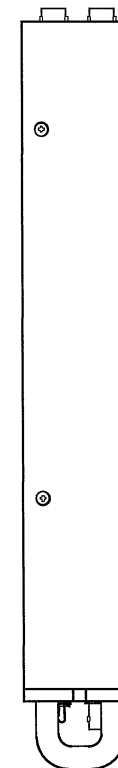
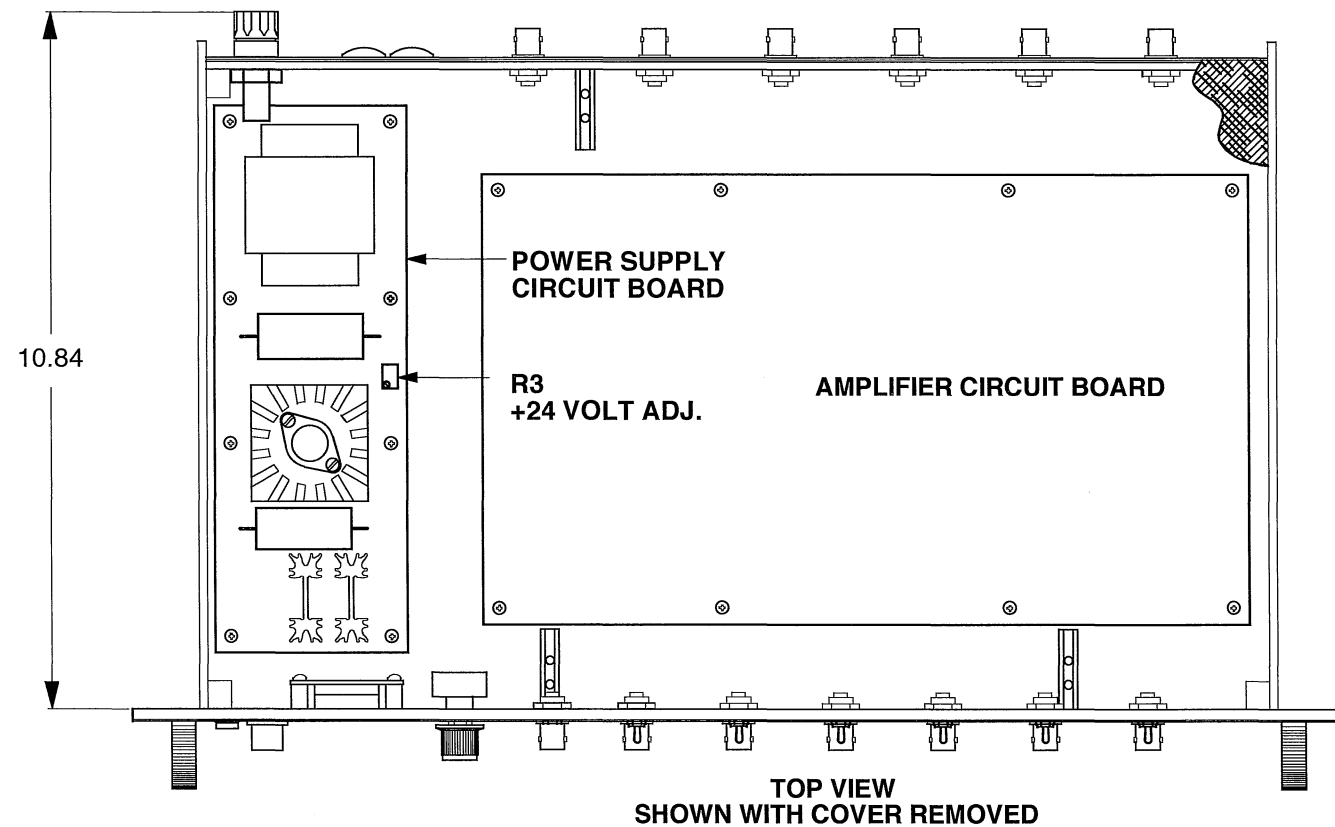
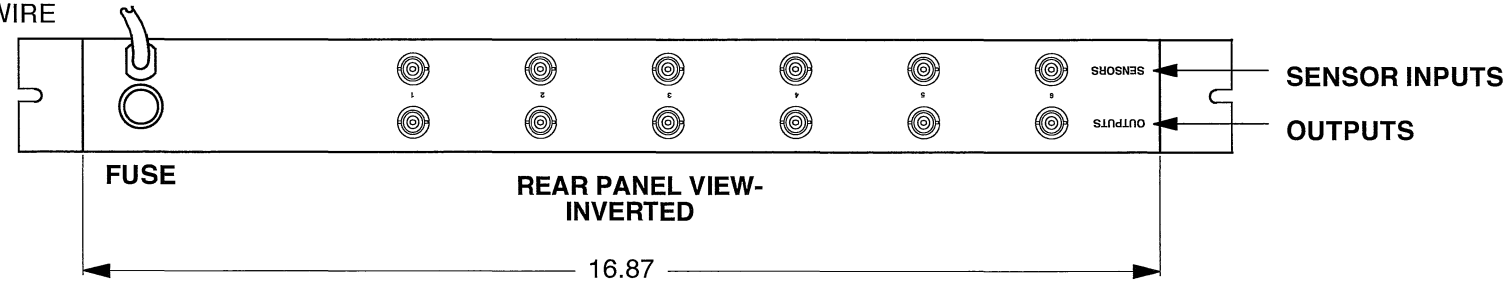
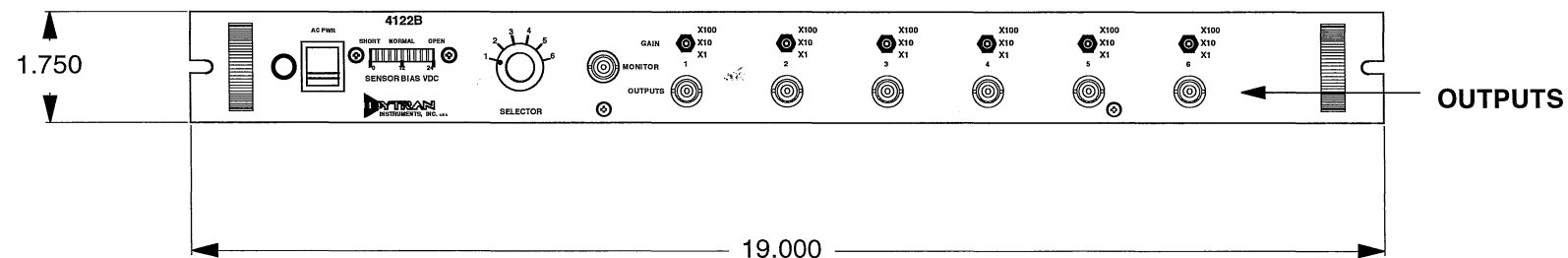


LINE POWER  
CORD  
3-WIRE



FRONT PANEL VIEW



ALL DIMENSIONS IN INCHES

|  |                 |                                 |         |                             |  |
|--|-----------------|---------------------------------|---------|-----------------------------|--|
| <b>DIYTRAN</b><br>INSTRUMENTS, INC.  |                 | <b>MASTER</b><br>ONLY IF IN RED |         | CHATSWORTH, CA.             |  |
| SCALE<br>1:3   | REV             | DATE                            | ECN     |                             |  |
| DATE<br>5-22-00  | PART NO.        |                                 |         |                             |  |
| DRAWN<br>N.C.  | CHECKED<br>N.C. | MAT'L                           |         |                             |  |
| APPROVED<br><i>[Signature]</i> 8/28/11                                       | NEXT ASSEMBLY   |                                 | USED ON |                             |  |
| TITLE<br><b>OUTLINE/INSTALLATION DRAWING<br/>MODEL 4122B GAIN POWER UNIT</b> |                 |                                 |         | DWG NO.<br><b>127-4122B</b> |  |
| SHEET 1 OF 1   |                 |                                 |         |                             |  |

## SPECIFICATIONS

### MODEL 4123B/4122B 12/6-CHANNEL POWER UNIT

| SPECIFICATION   |                                     | VALUE                       | UNITS      |
|---|-------------------------------------|-----------------------------|------------|
| MULTIPLIER SWITCH POSITION                                  |                                     |                             |            |
| AMPLIFIER GAIN  | X1                                  | 1.0                         |            |
|   | X10                                 | 10.0                        |            |
|   | X100                                | 100.0                       |            |
| COUPLING TIME CONSTANT,                                     |                                     | 2.5                         | SEC        |
| -3db LOW FREQUENCY RESPONSE                                 |                                     | .06                         | Hz         |
| FREQUENCY RESPONSE, +/- 5%                                  | X1                                  | .18 to 100K                 | Hz         |
|   | X10                                 | .18 to 60K                  | Hz         |
|   | X100                                | .18 to 6                    | Hz         |
| GAIN ACCURACY   |                                     | +/-1                        | %          |
| OUTPUT NOISE, BROADBAND, NOM.                               | X1                                  | 180                         | uV, RMS    |
|   | X10                                 | .5                          | mV, RMS    |
|   | X100                                | 4                           | mV, RMS    |
| OUTPUT VOLTAGE SWING  |                                     | +/- 10                      | VOLTS      |
| OUTPUT CURRENT  |                                     | +/- 5                       | mA, PEAK   |
| OUTPUT IMPEDANCE  |                                     | 2 OHMS IN SERIES WITH 10 mF |            |
| SENSOR SUPPLY CURRENT RANGE (ADJUSTABLE)[1]                 |                                     | 2 to 20                     | mA         |
| SENSOR VOLTAGE  |                                     | 24                          | VOLTS      |
| CONNECTORS  | (1) OUTPUT PER CHANNEL, FRONT PANEL |                             | BNC JACK   |
|   | (1) OUTPUT PER CHANNEL, REAR PANEL  |                             | " "        |
|   | (1) SENSOR PER CHANNEL, REAR PANEL  |                             | " "        |
|   | (1) MONITOR, FRONT PANEL            |                             | " "        |
| AC LINE POWER REQUIRED [2]                                  |                                     | 15/.25                      | VOLTS/AMPS |
| SIZE (H x W x D)  |                                     | 1.75 x 19 x 12.5            | INCHES     |
| RACK MOUNTABLE IN STANDARD 19 INCH WIDE RTMA EQUIPMENT RACK |                                     |                             |            |

[1] SENSOR CURRENT FACTORY SET AT 5 mA.

[2] "E" (EXPORT) VERSIONS REQUIRE 230 VAC LINE POWER