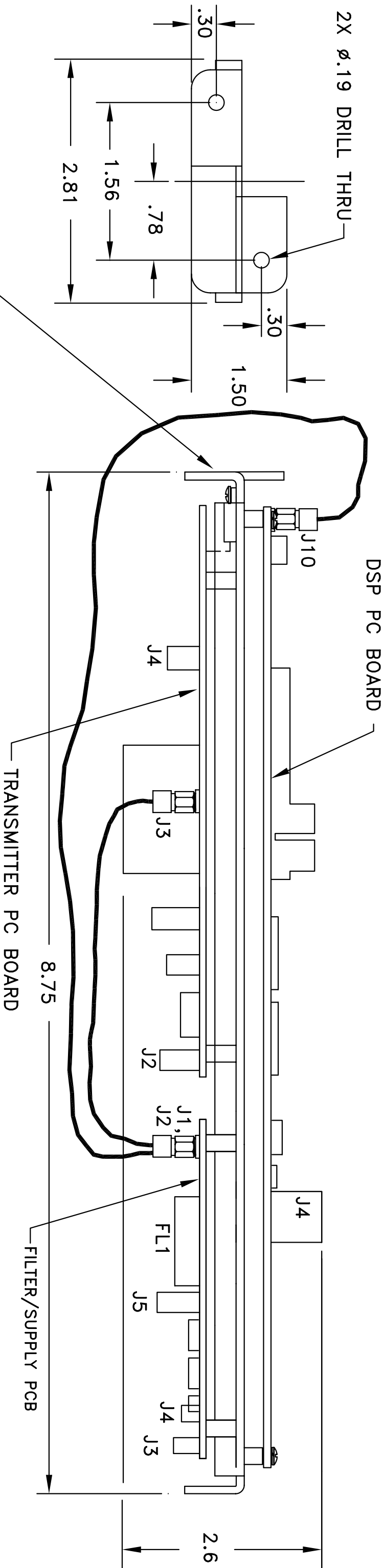




THIS SURFACE MUST BE MOUNTED TO THERMALLY CONDUCTIVE SURFACE FOR PROPER HEAT SINKING

- TRANSMITTER PCB CONNECTIONS
- J2 – TRANSDUCER CONNECTION

J3 – PREAMP OUTPUT, TO FILTER BOARD

J4 – POWER INPUT FROM FILTER BOARD
- FILTER SUPPLY PCB CONNECTIONS
- J1 – SIGNAL IN

J2 – SIGNAL OUT TO DSP

J3 – BATTERY OR EXTERNAL POWER

J4 – ON/OFF SWITCH (CUSTOMER SUPPLIED)

J5 – POWER OUT TO OTHER BOARDS

MFSK DSP PCB CONNECTIONS

- J4 – SERIAL INTERFACE
- J10 – RECEIVE INPUT FROM FILTER

|          |     |        |                               |     |     |      |                                                           |                                                                                                                                                                                                                   |  |                                                                                                                                                                         |            |              |                                                       |  |
|----------|-----|--------|-------------------------------|-----|-----|------|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|--------------|-------------------------------------------------------|--|
|          | △   |        |                               |     |     |      | TOLERANCES<br>EXCEPT AS NOTED                             | CONFIDENTIAL                                                                                                                                                                                                      |  | <div><b>BENTHOS</b><br/>49 Edgerton Drive<br/>North Falmouth, MA. 02556 U.S.A.</div> |            |              |                                                       |  |
|          | △   |        |                               |     |     |      | DECIMAL .X=±.015<br>.XX=±.010<br>.XXX ±.005               | This document and the information<br>contained therein is proprietary and<br>confidential to Benthos, Inc. and may<br>not be used, reproduced, or disclosed<br>without the express written consent<br>of Benthos. |  |                                                                                                                                                                         |            |              | TITLE:<br><br>OUTLINE, ATM—885, PCB,<br>OEM BOARD SET |  |
|          | △   |        |                               |     |     |      | FRACTIONAL Hole size<br>±1/64 & location<br>±1/32 General | DRAWN BY: DMP                                                                                                                                                                                                     |  |                                                                                                                                                                         |            |              | DRAWING NUMBER:<br>B875—08659                         |  |
|          | △   |        |                               |     |     |      | ANGULAR ±1°                                               | CHECKED BY: PP                                                                                                                                                                                                    |  |                                                                                                                                                                         |            |              | REVISION<br>B                                         |  |
| 10/25/02 | B   | 9345   | OUTLINE DWG<br>FOR MANUAL     | TJA |     |      | BREAK SHARP EDGES<br>EXCEPT AS NOTED<br>R.010             | APPROVED BY: RDS                                                                                                                                                                                                  |  | DATE: 2/6/98                                                                                                                                                            | SCALE: NTS | SHEET 1 OF 2 |                                                       |  |
| 12/05/01 | A   | 8896   | UPDATE DRAWING                | GC  | JC  | RDS  |                                                           |                                                                                                                                                                                                                   |  |                                                                                                                                                                         |            |              |                                                       |  |
| 01/05/01 | △   | 8281   | UP-DATED TO<br>BENTHOS FORMAT | GC  | PP  | RDS  | 63/ ALL surfaces<br>except as noted                       |                                                                                                                                                                                                                   |  |                                                                                                                                                                         |            |              |                                                       |  |
| DATE     | REV | ECO NO | DESCRIPTION                   | DR  | CHK | APPR |                                                           | DRAWING FILE NAME: B87508659SH1B.DWG                                                                                                                                                                              |  |                                                                                                                                                                         |            |              |                                                       |  |