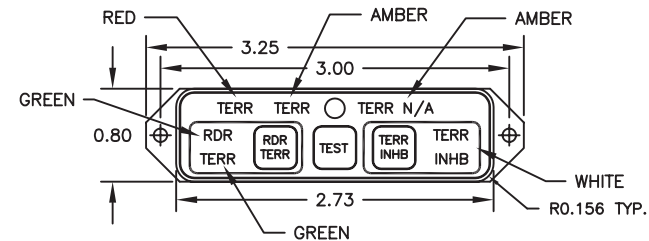
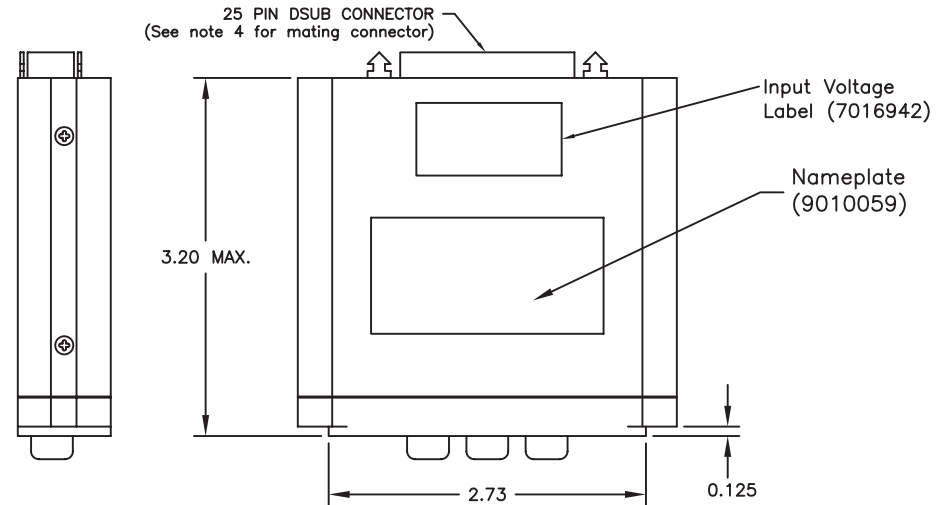


J1 (25 PIN D-SUB)

| | |
|----------------------------------|----|
| WX RADAR 453 A INPUT | 1 |
| TERRAIN 453 A INPUT | 2 |
| RADAR/TERRAIN 453 B OUTPUT | 3 |
| WX/TERRAIN SELECT INPUT | 4 |
| TERRAIN CAUTION ANNUNCIATE INPUT | 5 |
| ANNUNCIATOR PRESS TO TEST INPUT | 6 |
| BRT/DIM ANNUNCIATOR POWER INPUT | 7 |
| 0-28VDC PANEL LIGHTING | 8 |
| LIGHTING LOW | 9 |
| TERRAIN N/A ANNUNCIATE INPUT | 10 |
| TERRAIN WARNING ANNUNCIATE INPUT | 11 |
| INTERNAL DIMMING OUTPUT (NOTE 3) | 12 |
| +28VDC ANNUNCIATOR POWER INPUT | 13 |
| RADAR/TERRAIN 453 A OUTPUT | 14 |
| TERRAIN 453 B INPUT | 15 |
| WX RADAR 453 B INPUT | 16 |
| +28VDC EGPWS POWER INPUT | 17 |
| TERRAIN DISPLAY SELECT OUTPUT | 18 |
| TERRAIN SELF-TEST OUTPUT | 19 |
| TERRAIN INHIBIT SELECT INPUT | 20 |
| POWER GROUND | 21 |
| SHIELD GROUND | 22 |
| SHIELD GROUND | 23 |
| SHIELD GROUND | 24 |
| SHIELD GROUND | 25 |

| Revisions | | | | |
|-----------|------|--|----------|----------|
| ECO | Rev. | Description | Date | Approved |
| 1761 | A | Add "INPUT" and "OUTPUT" to labels on pins 2, 3, 14, 15. | 6/12/00 | BB |
| 1926 | B | Add note 4 for mating connector information. | 9/22/00 | SmH |
| | C | ADDED -1318 | 2/09/01 | BB |
| 2465 | D | Move -1318 to MD41-1318 drawing. Add FAA-PMA approval. | 8/23/01 | JBR/ScH |
| 2730 | E | Move -1308(5V) to MD41-1308(5V) drawing. Add 7016942. | 4/16/02 | JBR/ScH |
| 3002 | F | Env. Cat. was F2-BA(MN)XXXXXXZBBBBBBBXXX. | 12/27/02 | ScH/JBR |

Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.



NOTES:

- Unit shall incorporate both photocell and external dimming input. This is configured by installer.
- Design shall meet DO-160C ENV. CAT. F2-CA(MN)XXXXXXZBABATZXXX.
- Jump the internal dimming output (PIN 12) to BRT/DIM input (PIN 7) to use internal dimming circuit, otherwise leave PIN 12 open.
- Mating connector: RD25F10JVL0 from Positronic (Mid-Continent P/N: 7014517)
- Unit is FAA-PMA approved.

| | | | | |
|---|-----------------|---------------------------|--|------------------------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCE: FRACTIONAL = ±1/64 .XX = ±0.15 .XXX = ±0.05 .XXXX = ±0.02 ANGULAR = ±0.5° CONCENTRICITY: .005 TIR BREAK ALL SHARP EDGES THREADS PER MIL-S-7742 SURFACE ROUGHNESS ——— ✓ | DRAWN | S. Hoang | 3/23/00 | |
| | APPROVED | B. Barnes | 2/09/01 | |
| | TOP LEVEL ASSY: | 8019853 | | |
| | USED ON: | | | |
| END ITEM: | | | TITLE: TERRAIN AWARENESS ANNUNCIATION CONTROL UNIT | PART NUMBER: MD41-1308 |
| CODE IDENT. NO.: 59742 | SCALE: None | DO NOT SCALE THIS DRAWING | SHEET 1 of 1 | |