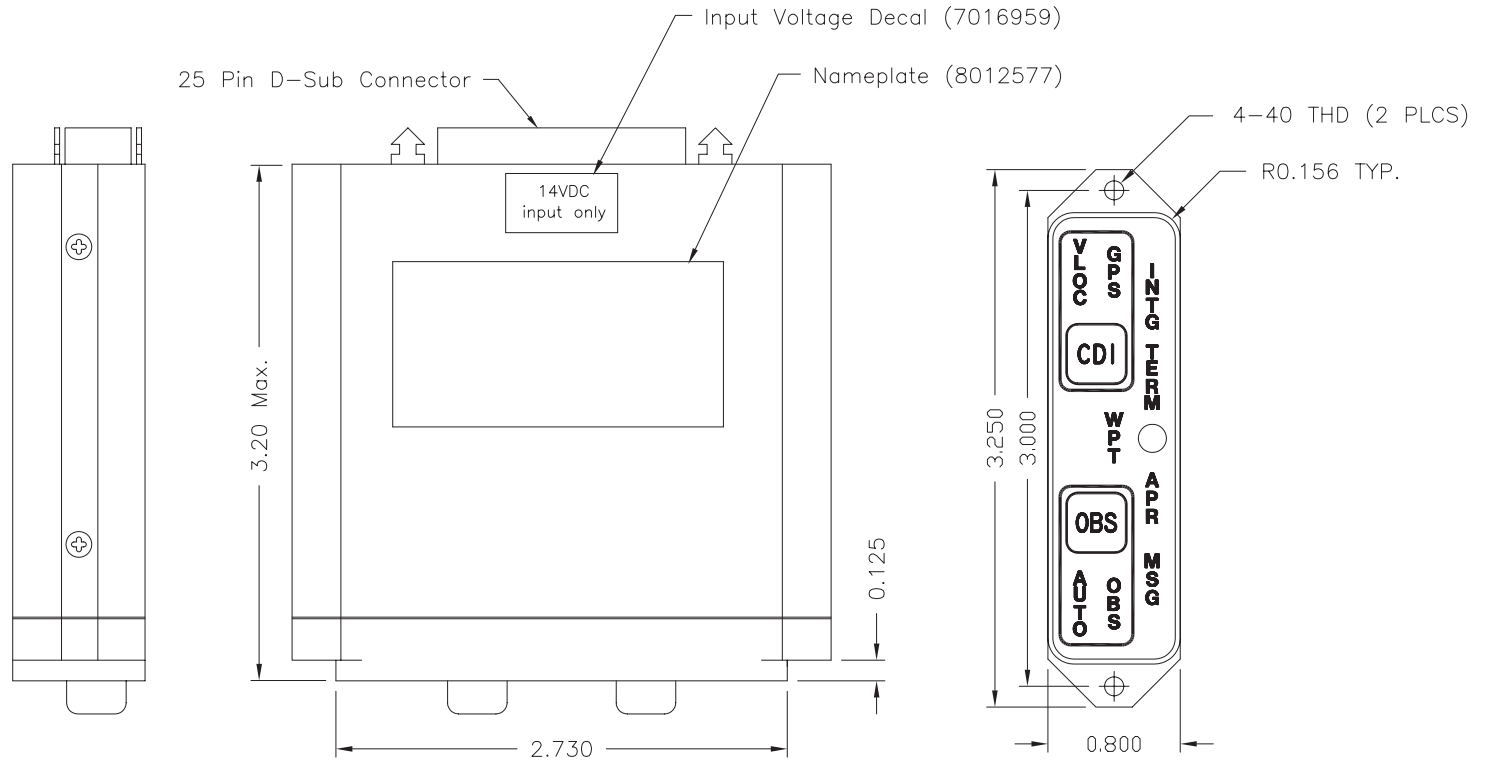


SPECIFICATIONS:

- 1) TSO Compliance: TSO C129
Applicable Documents: RTCA DO-160C, DO-208
- 2) Operating Temperature Range: -55°C to +70°C
- 3) Humidity: 95% Non-Condensing.
- 4) Altitude Range: 0 to 55,000 ft.
- 5) Vibration: Cat. M and N.
- 6) Operational Shock: Rigid Mounting, 6G Operational
15G Crash Safety.
- 7) Current: 0.40 Amps typical.
- 8) Controls:
 - CDI: Momentary switch.
 - OBS: Momentary switch.
- 9) Annunciations and colors:
 - VLOC: white.
 - GPS: green.
 - MSG: amber.
 - WPT: amber.
 - TERM: green.
 - APR: green.
 - OBS: green.
 - AUTO: white.
 - INTG: amber.
- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

25 PIN MALE
D-SUB CONNECTOR

| | |
|-------------------|----|
| INTG ANN. | 20 |
| APR ANN. | 9 |
| WPT ANN. | 8 |
| MSG ANN. | 10 |
| TERM ANN. | 3 |
| VLOC ANN. | 2 |
| GPS ANN. | 1 |
| LAMP TEST | 7 |
| OBS MODE SELECT | 12 |
| OBS | 24 |
| CDI SOURCE SELECT | 4 |
| 14VDC POWER | 13 |
| GROUND | 25 |
| 14V DIMMER IN | 5 |



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

| Revisions | | | | |
|-----------|------|---|---------|----------|
| ECO | Rev. | Description | Date | Approved |
| 3203 | A | Dimension 0.125 was 0.08. Rearrange drawing | 5/28/03 | DDT/SchH |

Vertical Mount

| | | | | | | |
|--|-----------------|------------------------|---------|--|----------------------------------|-------------------------|
| UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCE: FRACTIONAL = ±1/64 .XX = ±.020 .XXX = ±.010 .XXXX = ±.002 ANGULAR = ±0.5° CONCENTRICITY: .005 TIR BREAK ALL SHARP EDGES THREADS PER MIL-S-7742 | DRAWN | S. Hoang | 7/27/00 | | TITLE: ANNUNCIATION CONTROL UNIT | PART NUMBER: MD41-1474A |
| | APPROVED | B. Barnes | 7/27/00 | | | |
| | TOP LEVEL ASSY: | 9010810-4 | | | SCALE: None | SHEET 1 of 1 |
| | USED ON: | CODE IDENT. NO.: 59742 | | | | |
| SURFACE ROUGHNESS | | | | | | |

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