

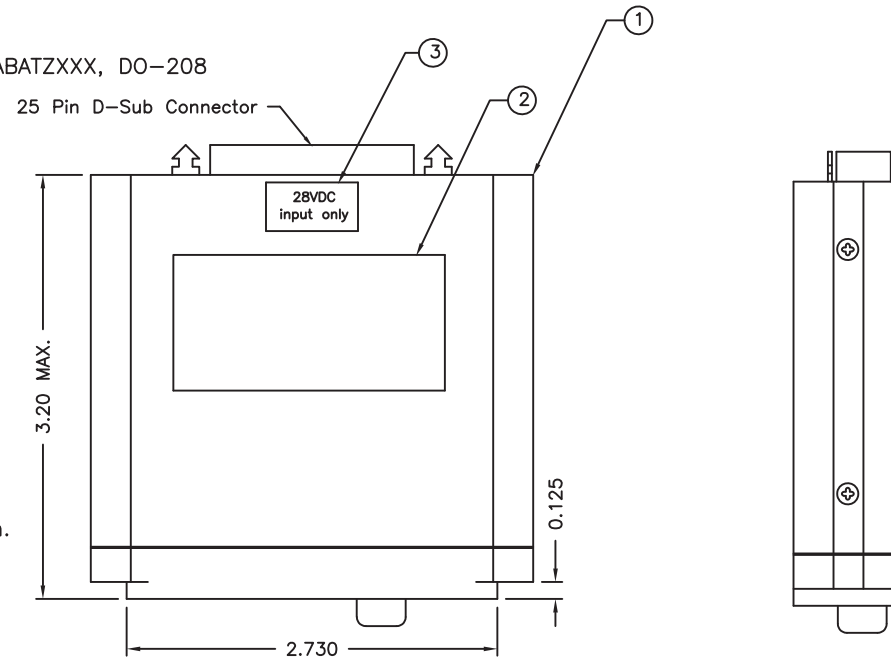
Revisions				
ECO	Rev.	Description	Date	Approved
2558	A	Add pin#6 and 23 to connector(J1), add note #12.	11/20/01	DDT/Sch
2596	B	Add note 13 to specify mating connector, revise layout.	12/13/01	Sch/JBR
2783	C	Bezel lip dimension 0.125 was 0.080.	06/11/02	JBR/Sch
7380	D	Toplevel assy was 9010810-7. Update title block.	06/15/21	Sch/MEK

**SPECIFICATIONS:**

- 1) TSO Compliance: TSO C129  
Applicable Documents: RTCA DO-160C ENV. CAT. F2-CA(MN)XXXXXXZBABATZXXX, 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: 0.30 Amps typical.
- 8) Controls: OBS: Momentary switch.
- 9) Annunciators and colors:

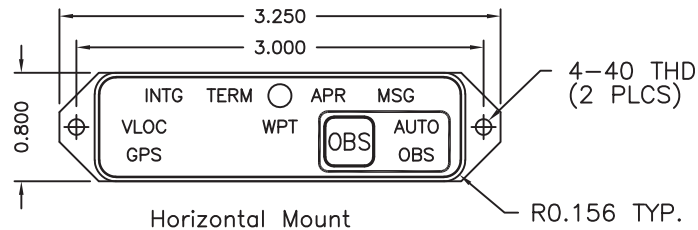
VLOC: white	APR: green
GPS: green	OBS: green
MSG: amber	AUTO: white
WPT: amber	INTG: amber
TERM: green	

- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.
- 12) Jump the internal dimming output (PIN 23) to BRT/DIM input (PIN 6) to use internal dimming circuit, otherwise leave PIN 12 open.
- 13) Mating connector for MD41-1470: RD25F10JVL0 from Positronic (MCI P/N 7014577).



**25 PIN MALE  
D-SUB CONNECTOR**

GPS ANN.	1
VLOC ANN.	2
TERM ANN.	3
SPARE	4
28V DIMMER IN	5
BRT/DIM ANNUNCIATOR POWER INPUT	6
LAMP TEST	7
WPT ANN.	8
APR ANN.	9
MSG ANN.	10
OBS MODE SELECT	12
28VDC POWER	13
INTG ANN.	20
INTERNAL DIMMING OUTPUT	23
OBS	24
GROUND	25



Item	Qty	Part Number	Description
1	1	9015928-7	Assy, MD41-1470
2	1	8012577	Nameplate
3	1	7016942	Decal, Input Voltage

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.  
TOLERANCE:  
.X=±0.065  
.XX=±0.015  
.XXX=±0.005  
.XXXX=±0.002  
ANGULAR=±0.5°  
WEIGHT N.T.E. +5%  
BREAK ALL SHARP EDGES  
THREADS PER MIL-S-7742

DRAWN:  
NHK  
10/05/2001  
  
APPROVED:  
BB  
10/05/2001

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TITLE:	PART NUMBER:
Annunciation Control Unit	MD41-1470
SCALE: None	SHEET 1 of 1

DO NOT SCALE THIS DRAWING