

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: 0.30 Amps typical.
- 8) Controls:

NAV/GPS: Alternate action switch.
GPS/APR: Momentary switch.
OBS/LEG: Momentary switch.

9) Annunciations and colors:

NAV: white.
GPS: green.
MSG: amber.
ARM: white.
ACTV: green.
WPT: amber.
LEG: green.
OBS: white.

- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

25 PIN MALE
D-SUB CONNECTOR

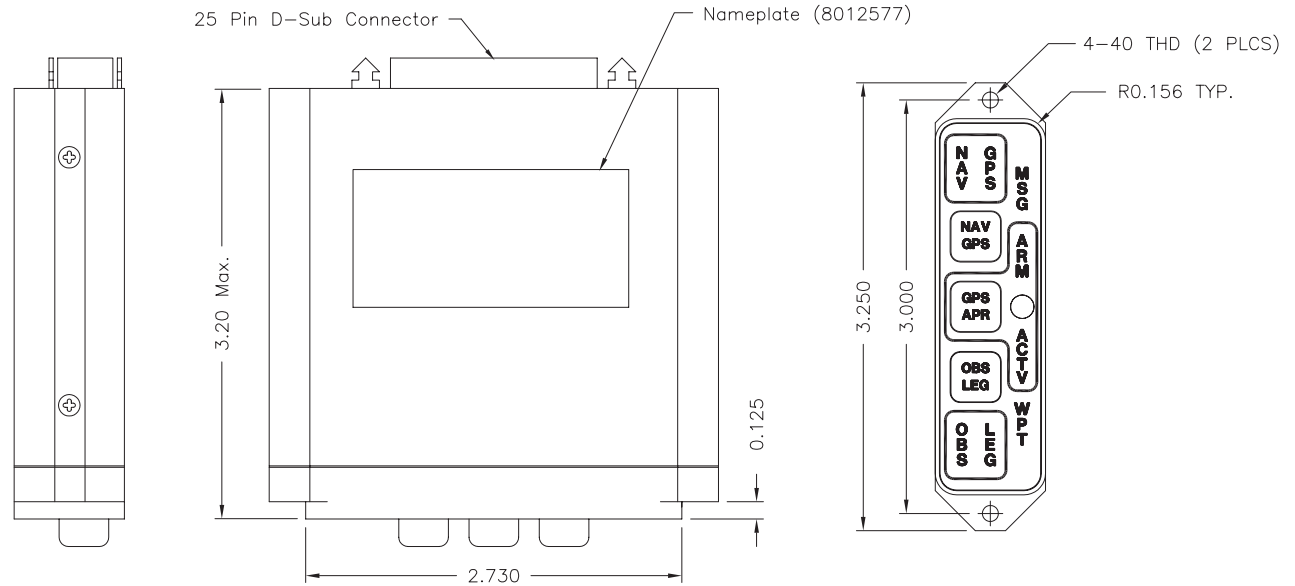
LEG ANN	24
OBS ANN	23
SPARE	11
ACTV ANN	8
WPT ANN	9
MSG ANN	3
ARM ANN	4
NAV ANN	2
GPS ANN	1
GPS DISPLAY	16
LAMP TEST	7
OBS HOLD	10
ILS ENERGIZE	15
EXTERNAL RELAY ENERGIZE	14
GPS APPR ARM SELECT	6
NAV CIRCUIT BKR	12
28VDC POWER	13
GROUND	25
5V DIMMER IN	5

NOTE:

- 1) Refer to manual number 8012528 for installation information.
- 2) Mating Connector Kit: Positronic RD25F10JVL0 (Mid-Continent 7014517)

Revisions				
ECO	Rev.	Description	Date	Approved
3258	A	0.125 was 0.08. Rearrange drawing	6/4/03	DDT/ScH

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



Vertical Mount

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<p>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-5-7742</p>	DRAWN	J. Reed	11/27/01		<p>TITLE: ANNUNCIATION CONTROL UNIT</p>	<p>PART NUMBER: MD41-1938(5V)</p>
	APPROVED	ScH	11/27/01			
	TOP LEVEL ASSY:	9010414-6				
	USED ON:					
	END ITEM:					
SURFACE ROUGHNESS	CODE IDENT. NO.:	59742		SCALE: None	SHEET 1 of 1	