

SPECIFICATIONS:

- 1) TSO Compliance: TSO C129
Applicable Documents: RTCA D0-160C, D0-208
- 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:
 - CDI: Momentary switch.
 - SUSP: Momentary switch.
- 9) Annunciations and colors:
 - GPS: White
 - NAV: Green
 - TERM: Green
 - APPR: Green
 - WPT: White
 - MSG: Amber
 - LOI: Amber
 - ALT: Amber
 - PTK: White
 - SUSP: White
- 10) Overall color shall be black.
- 11) Weight shall be 0.30 lbs.

25 PIN MALE
D-SUB CONNECTOR

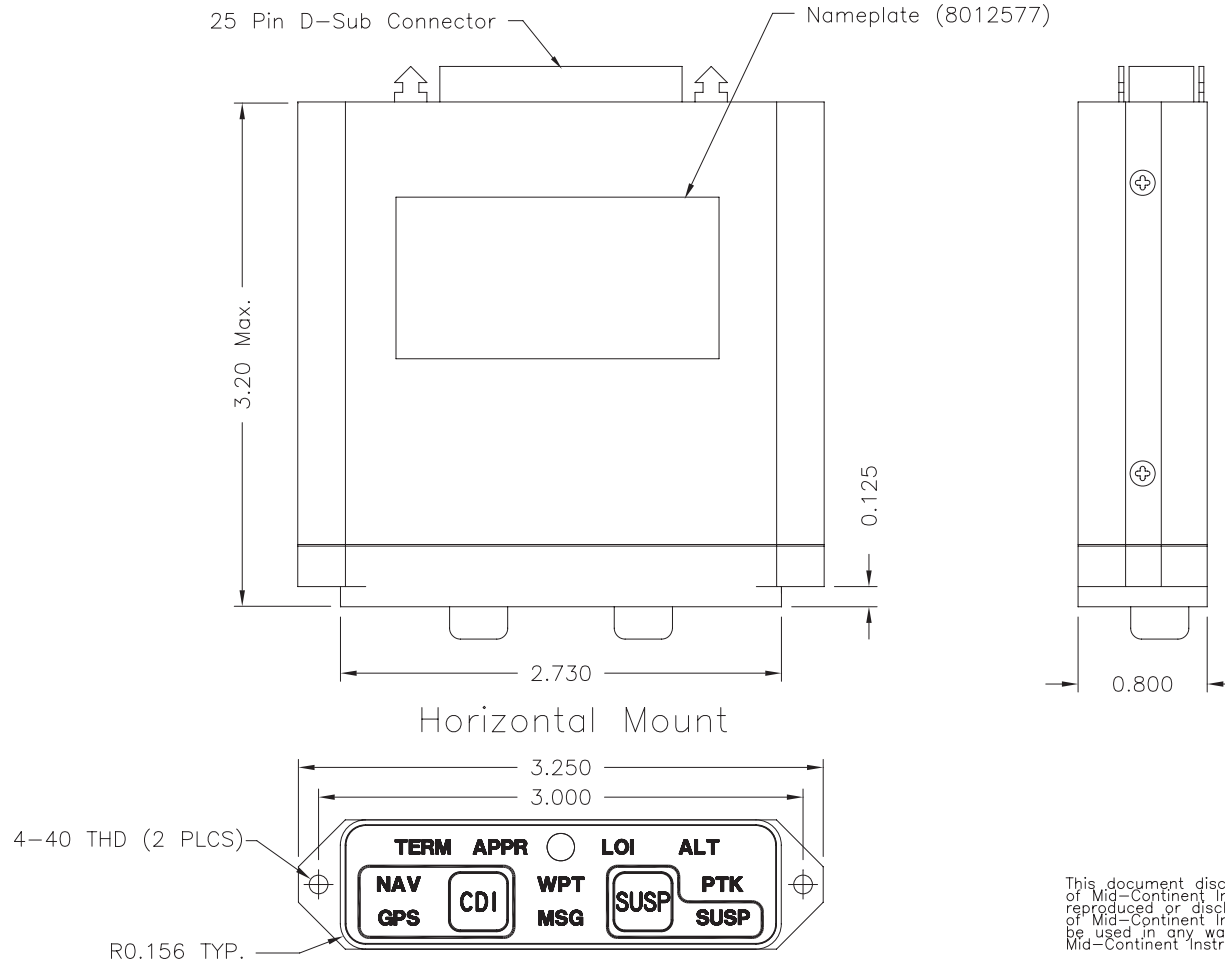
TERM ANN.	15
MSG ANN.	6
LOI ANN.	9
WPT ANN.	8
ALT ANN.	10
APPR ANN.	3
NAV ANN.	2
GPS ANN.	1
GPS ANN. OUTPUT	14
NAV ANN. OUTPUT	16
LAMP TEST	7
SUSP MODE SELECT	12
PTK ANN.	11
SUSP ANN	24
CDI SOURCE SELECT	4
28VDC POWER	13
GROUND	25
5V DIMMER IN	5

NOTES:

- 1) Mating connector:
Mid-Continent P/N 7014517

Revisions				
ECO	Rev.	Description	Date	Approved

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



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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 SURFACE ROUGHNESS _____ ✓	DRAWN	D. Tran	6/9/03
	APPROVED	Sch	7/16/03
	TOP LEVEL ASSY:	9015664	
	USED ON:		
	END ITEM:		
	CODE IDENT. NO.:	59742	

		PART NUMBER:	
		MD41-1748(5V)	
TITLE: ANNUNCIATION CONTROL UNIT		SCALE: None	
SHEET 1 of 1			