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:
   NAV/GPS: Alternate action switch.
   GPS/SEQ: Momentary switch.

9) Annunciations and colors:
   NAV: green.
   GPS: white.
   MSG: amber.
   PTK: white.
   APR: white.
   ACTV: green.
   HOLD: white.
   OBS: white.
10) Overall color shall be black.
11) Weight shall be 0.30 lbs.

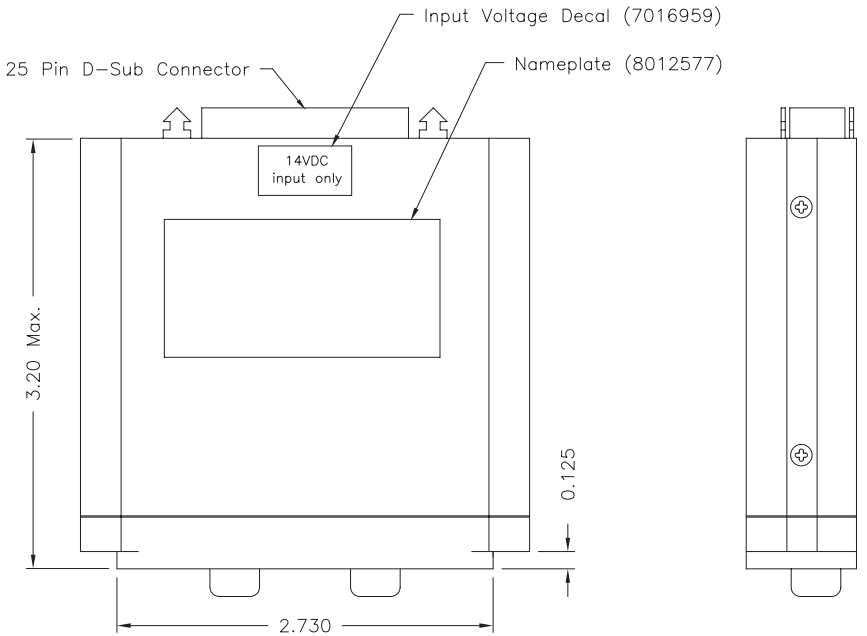
25 PIN MALE
D-SUB CONNECTOR

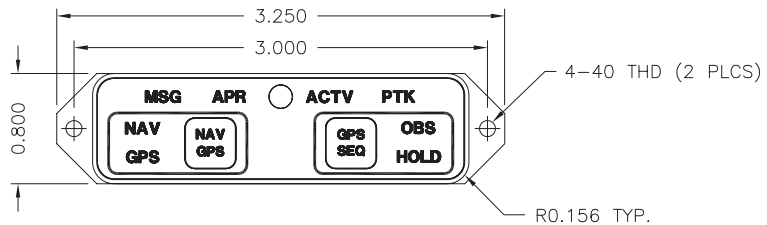
AUTOPILOT ILS ENERGIZE	11
ACTV ANN	8
PTK ANN	9
MSG ANN	3
ARP ANN	4
NAV ANN	2
GPS ANN	1
OBS/HOLD ANN	23
LAMP TEST	7
OBS/HOLD SELECT	10
ILS ENERGIZE	15
EXTERNAL RELAY ENERGIZE	14
NAV CIRCUIT BKR	12
14VDC POWER	13
GROUND	25
14V DIMMER IN	5

Revisions

ECO	Rev.	Description	Date	Approved
3249	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.





Horizontal Mount

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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	S. Hoang	05/23/00
APPROVED	B. Barnes	05/23/00
TOP LEVEL ASSY:	9010406-1	
USED ON:		
END ITEM:		
CODE IDENT. NO.:	59742	

MidContinent™ INSTRUMENTS+AVIONICS

TITLE: ANNUNCIATION CONTROL UNIT

PART NUMBER: MD41-1724

SCALE: None

SHEET 1 of 1