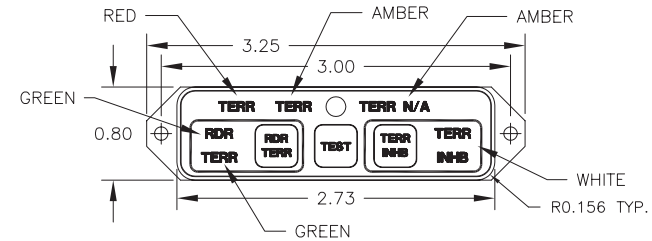
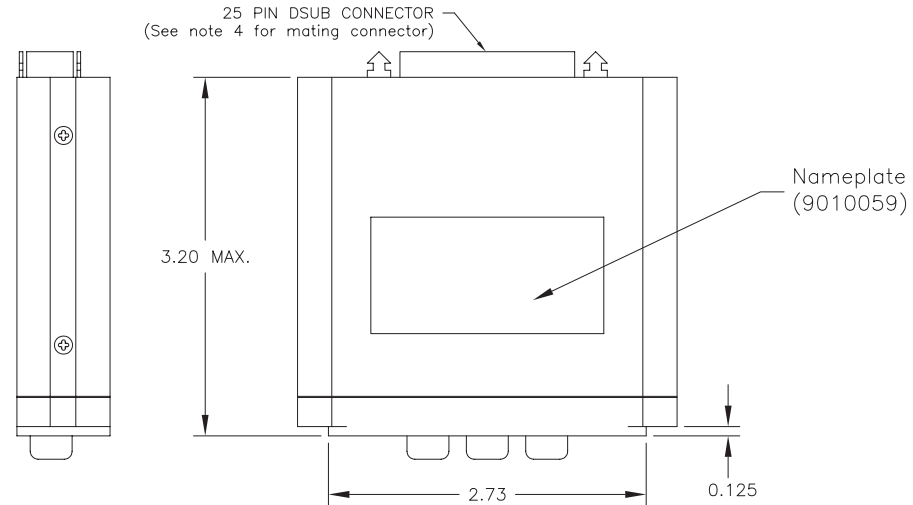


J1 (25 PIN D-SUB)

WX RADAR 453 A INPUT	1
TERRAIN 453 A INPUT	2
RADAR/TERRAIN 453 B OUTPUT	3
WX/TERRAIN SELECT INPUT	4
TERRAIN CAUTION ANNUNCIATE INPUT	5
ANNUNCIATOR PRESS TO TEST INPUT	6
BRT/DIM ANNUNCIATOR POWER INPUT	7
0-5VDC PANEL LIGHTING	8
LIGHTING LOW	9
TERRAIN N/A ANNUNCIATE INPUT	10
TERRAIN WARNING ANNUNCIATE INPUT	11
INTERNAL DIMMING OUTPUT (NOTE 3)	12
+28VDC ANNUNCIATOR POWER INPUT	13
RADAR/TERRAIN 453 A OUTPUT	14
TERRAIN 453 B INPUT	15
WX RADAR 453 B INPUT	16
+28VDC EGPWS POWER INPUT	17
TERRAIN DISPLAY SELECT OUTPUT	18
TERRAIN SELF-TEST OUTPUT	19
TERRAIN INHIBIT SELECT INPUT	20
POWER GROUND	21
SHIELD GROUND	22
SHIELD GROUND	23
SHIELD GROUND	24
SHIELD GROUND	25

Revisions				
ECO	Rev.	Description	Date	Approved
3001	A	Env. Cat. was F2-BA(MN)XXXXXXZZABBBBXXX, nameplate was 9010059. Delete note 5 (PMA).	12/27/02	ScH/JBR
3057	B	Add note 5 (PMA). Nameplate was 9011974.	1/31/03	JBR/ScH

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



NOTES:

- 1) Unit shall incorporate both photocell and external dimming input. This is configured by installer.
- 2) Design shall meet DO-160C ENV. CAT. F2-CA(MN)XXXXXXZBABATZXXX.
- 3) Jump the internal dimming output (PIN 12) to BRT/DIM input (PIN 4) to use internal dimming circuit, otherwise leave PIN 12 open.
- 4) Mating connector: RD25F10JVL0 from Positronic (Mid-Continent P/N: 7014517)
- 5) Unit is FAA-PMA approved.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCE: FRACTIONAL = ± 1/64 .XX = ± .015 .XXX = ± .005 .XXXX = ± .002 ANGULAR = ± 0.5° CONCENTRICITY: .005 TIR BREAK ALL SHARP EDGES THREADS PER MIL-5-7742	DRAWN	J. Reed	4/16/02		TITLE: TERRAIN AWARENESS ANNUNCIATION CONTROL UNIT	PART NUMBER: MD41-1308(5V)
	APPROVED	ScH	4/16/02			
	TOP LEVEL ASSY:	8019853-4				
	USED ON:					
SURFACE ROUGHNESS	CODE IDENT. NO.:	59742		SCALE: None	DO NOT SCALE THIS DRAWING	SHEET 1 of 1