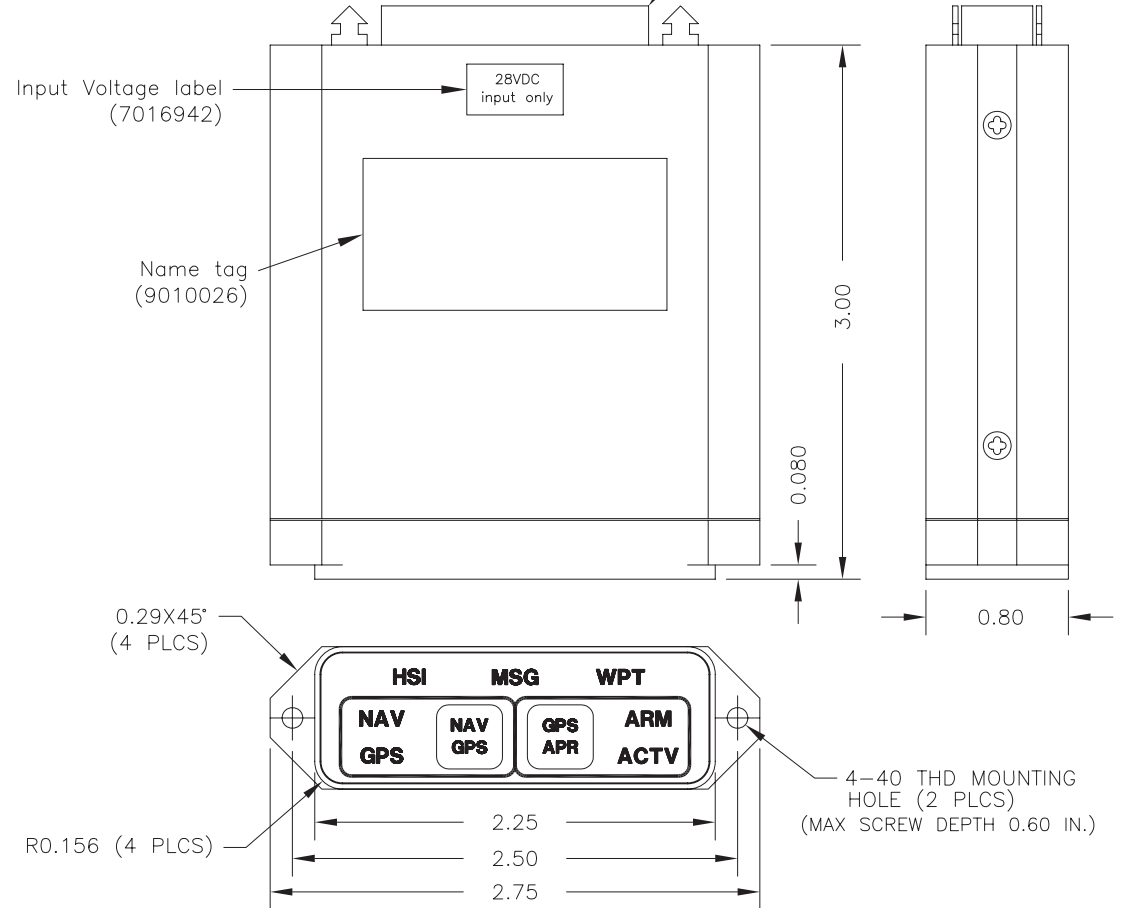


- PIN# DESCRIPTION**
- 1- TO NAV CIRCUIT BREAKER (for fault monitoring)
 - 2- GPS ANNUNCIATION (receives ground from remote transfer relays) (GREEN)
 - 3- MSG ANNUNCIATION (receives logic low from GPS receiver) (AMBER)
 - 4- WPT ANNUNCIATION (receives logic low from GPS receiver) (AMBER)
 - 5- 28 VOLT DIMMER IN (from aircraft dimming bus)
 - 6- GPS APR ARM SELECT (logic low sent to GPS)
 - 7- LAMP TEST (receives ground from remote test switch)
 - 8- SPARE
 - 9- ACTV ANNUNCIATION (receives logic low from GPS receiver) (GREEN)
 - 10- ARM ANNUNCIATION (receives logic low from GPS receiver) (WHITE)
 - 11- SPARE
 - 12- SPARE
 - 13- 28 VDC UNIT POWER
 - 14- SPARE
 - 15- SPARE
 - 16- NAV ANNUNCIATION (receives ground from remote transfer relays) (WHITE)
 - 17- DIM SELECT (receives ground from remote dim switch)
 - 18- SPARE
 - 19- SPARE
 - 20- SPARE
 - 21- SPARE
 - 22- SPARE
 - 23- SPARE
 - 24- EXTERNAL RELAY ENERGIZE (ground to energize remote transfer relays when GPS is selected)
 - 25- POWER GROUND

Revisions				
ECO	Rev.	Description	Date	Approved
1790	A	ADDED DIMMING INFORMATION (note 4).	05/30/97	BB
	B	Add weight, environmental category to notes, add input voltage label, name tag.	06/21/00	BB
2051	C	Name tag was 6017578, add note 6.	12/06/00	BB

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

CONNECTOR: 25 PIN POSITRONIC, MD25M5R4V30 REQUIRES MATING CONN. (NOT SUPPLIED) RECOMMENDED POSITRONIC RD25F00JVLO WITH CRIMP TYPE SOCKETS P/N FC6020D (See note 3 for parts breakdown)



NOTES:

- 1) Total input current at 28VDC: 0.50A
- 2) MD41-229 is approved to DO-160C ENV. CAT. F2-CA(MN)XXXXXXZBABATZXXX.
- 3) Connector : RD25F000000
Lock lever : D25000VLO
Hood, screws, clamp : D25000J00
- 4) HSI annunciation color shall be white. Annunciation shall remain on at all times and will dim with aircraft dimming bus.
- 5) Weight is 0.30 lbs.
- 6) The use of this product in civil aviation other than an approved Supplemental Type Certificate or original OEM Type Certificate may require National Aviation Authority approval.

<small>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-S-7742 SURFACE ROUGHNESS ——— ✓</small>	<i>DRAWN</i>	S. Hoang	5/14/97
	<i>APPROVED</i>	B. Barnes	5/30/97
	<i>TOP LEVEL ASSY:</i>	7018799	
	<i>USED ON:</i>		
	<i>END ITEM:</i>		
	<i>CODE IDENT. NO.:</i>	59742	



<i>TITLE:</i>		<i>PART NUMBER:</i>	
GPS-NAV SELECTOR		MD41-229	
<i>SCALE:</i> None	<i>DO NOT SCALE THIS DRAWING</i>	<i>SHEET</i> 1 of 1	