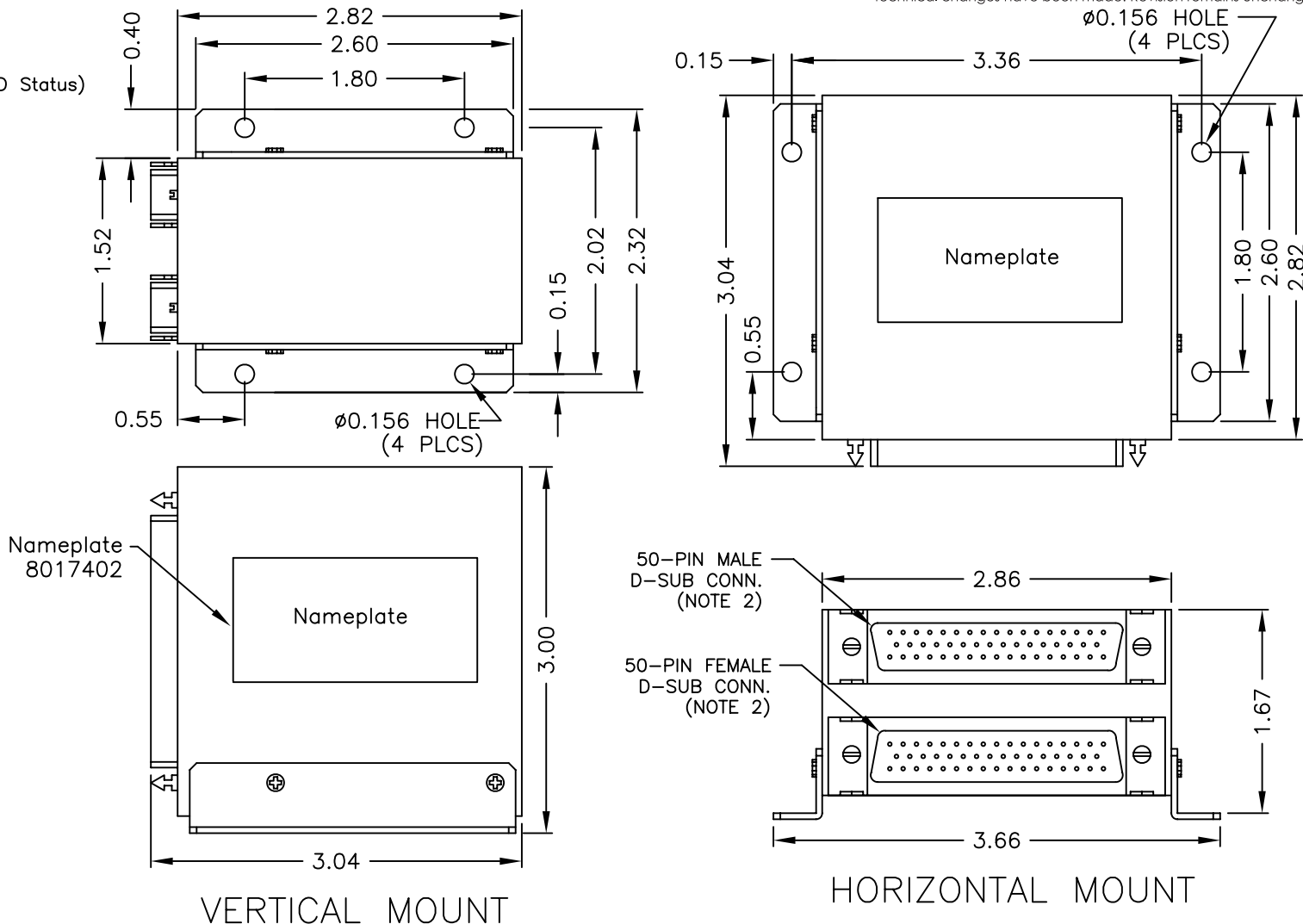


**SPECIFICATIONS:**

Unit shall be identified as FAA-PMA.  
 Applicable Documents: RTCA DO-160C, DO-208  
 Operating Temperature Range: -55°C to +70°C  
 Humidity: 95 % Non-Condensing  
 Altitude Range: 0 to 55,000 ft.  
 Vibration: Cat. M and N  
 Operational Shock: Rigid Mounting,  
 6 G Operational, 15 G Crash Safety  
 Design All Solid State  
 Input: 28VDC @ 2 Amps Max.  
 Number of relay poles: (See Notes for MOD Status)  
 Relay contact current rating: 2 Amps DC  
 Not to exceed 30 Volts.  
 Weight: 0.75 lbs.  
 Overall color: black.

Revisions				
ECO	Rev.	Description	Date	Approved
1803	A	Delete dwg number beneath the title box. Add top level assy' drawing number, specifications, name tag. Change back mount configuration to vertical & horizontal mounts.	6/27/00	SmH
5561	B	Add Modification Status to Notes Field. Update Nameplate. Change current to reflect maximum. Update Title Block.	2/22/11	RDT/MKN

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



**NOTES:**

- For installation and more information, see installation manual P/N 7019129.
- Mating connectors: Supplied by Mid-Continent Instruments:  
 Mid-Continent P/N: Positronic P/N:  
 Female: 7014509 RD50F10JVLO  
 Male: 8012247 RD50M10JVLO
- Modification Status:  
 MOD 0: 8 - 4 Pole Relays  
 MOD 1: 16 - 2 Pole Relays

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES.  
 TOLERANCE:  
 FRACTIONAL=±1/64  
 .XX=±0.015  
 .XXX=±0.005  
 .XXXX=±0.002  
 ANGULAR=±0.5°  
 CONCENTRICITY: 0.005 TIR  
 BREAK ALL SHARP EDGES  
 THREADS PER MIL-S-7742

DRAWN:  
 S. Hoang  
 04/21/99  
 APPROVED:  
 B. Barnes  
 04/21/99

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TITLE: <b>RELAY UNIT</b>		PART NUMBER: <b>MD41-24P(28)</b>
SCALE: None	DO NOT SCALE THIS DRAWING	SHEET 1 of 1