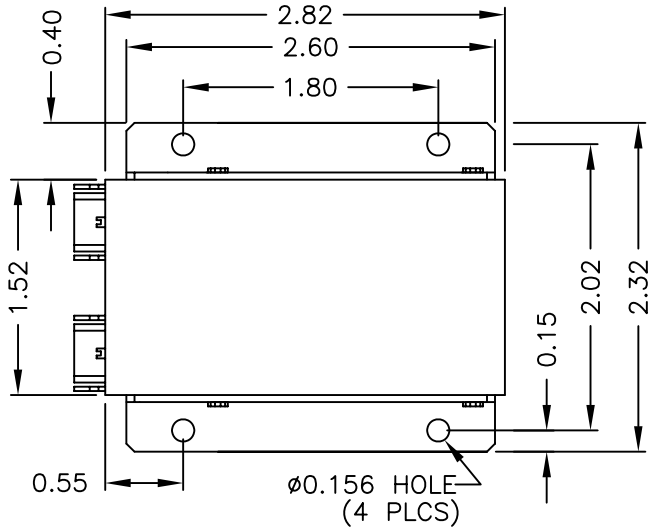
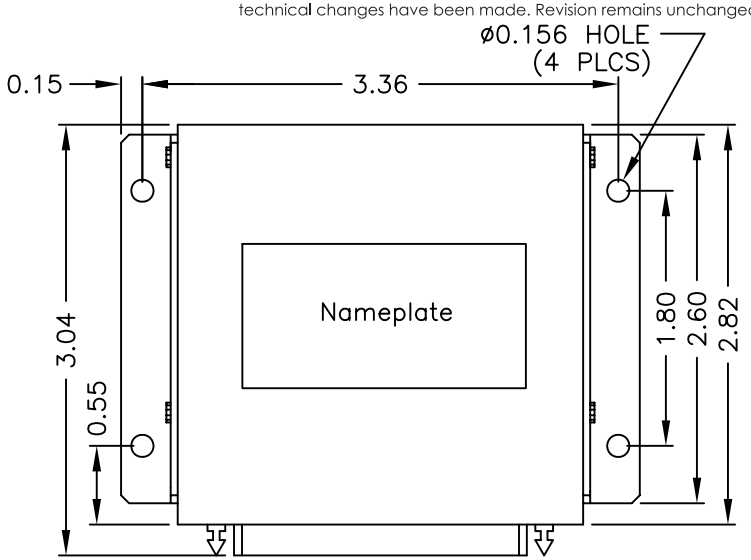
SPECIFICATIONS:

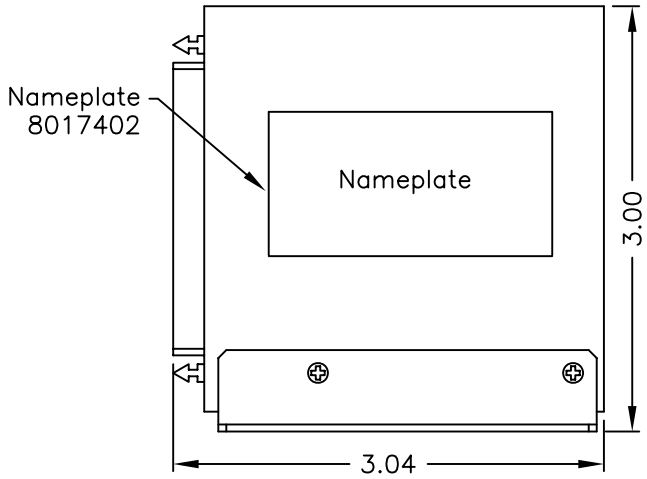
Unit shall be identified as FAA–PMA.
Applicable Documents: RTCA DO–160C, DO–208
Operating Temperature Range: –55°C to +70°C
Humidity: 95 % Non–Condensing
Altitude Range: 0 to 55,000 ft.
Vibration: Cat. M and N
Operational Shock: Rigid Mounting,
6 G Operational,15 G Crash Safety
Design All Solid State
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

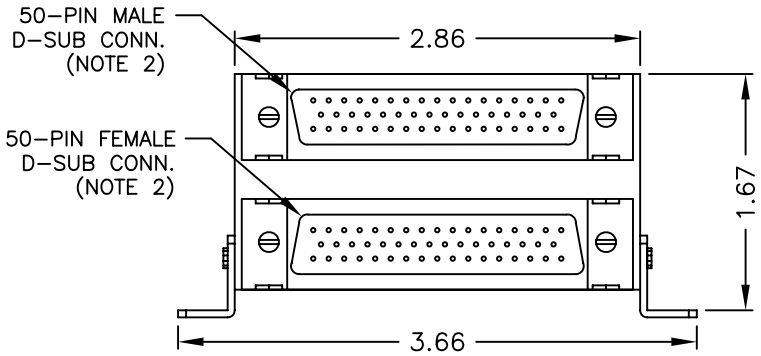
Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.







VERTICAL MOUNT



HORIZONTAL MOUNT

NOTES:

1) For installation and more information, see installation manual P/N 7019129.
2) Mating connectors: Supplied by Mid–Continent Instruments:

Mid–Continent P/N:	Positronic P/N:
Female: 7014509	RD50F10JVL0
Male: 8012247	RD50M10JVL0

3) 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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MidContinent™ INSTRUMENTS+AVIONICS

TITLE: RELAY UNIT

PART NUMBER: MD41–24P(28)

SCALE: None | DO NOT SCALE THIS DRAWING | SHEET 1 of 1