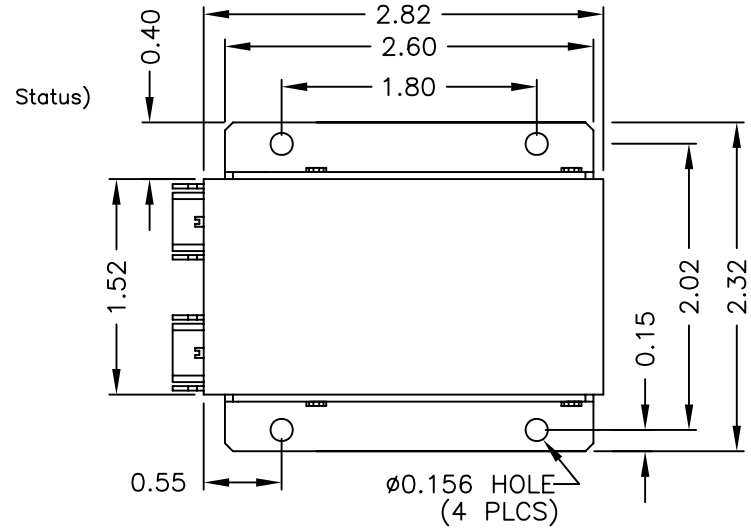
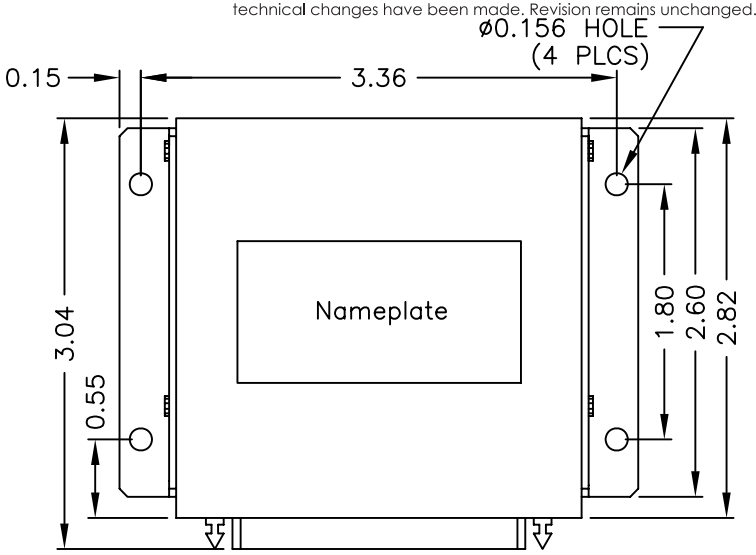
SPECIFICATIONS:
TSO Compliance TSO C129
Applicable Documents: RTCA DO-160C, DO-208
Operating Temperature Range: -55°C to +70°C
Humidity: 95 % Non-Condensing
Altitude Range: 0 to 55,000 ft.
Vibration: Cat. M and N
Operational Shock: Rigid Mounting,
6 G Operational,15 G Crash Safety
Design All Solid State
Input: 14VDC @ 2 Amps Max.
Number of relay poles: (See Notes for MOD Status)
Relay contact current rating: 2 Amps DC
Not to exceed 30 Volts.

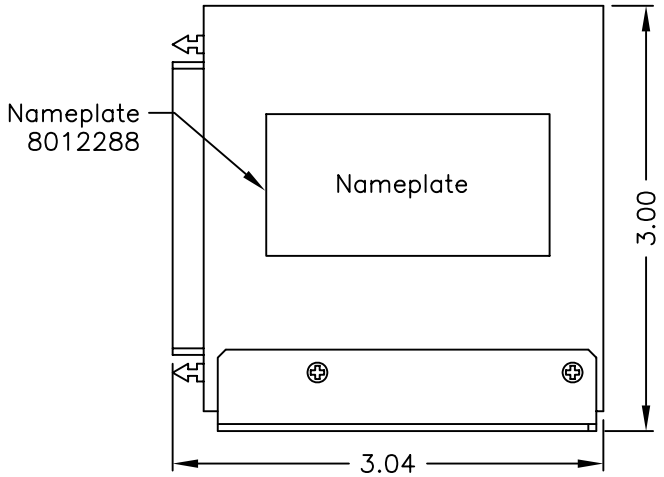
Weight: 0.75 lbs.
Overall color: black.

Revisions				
ECO	Rev.	Description	Date	Approved
1767	A	Add specifications, top level assembly number, name tag.	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

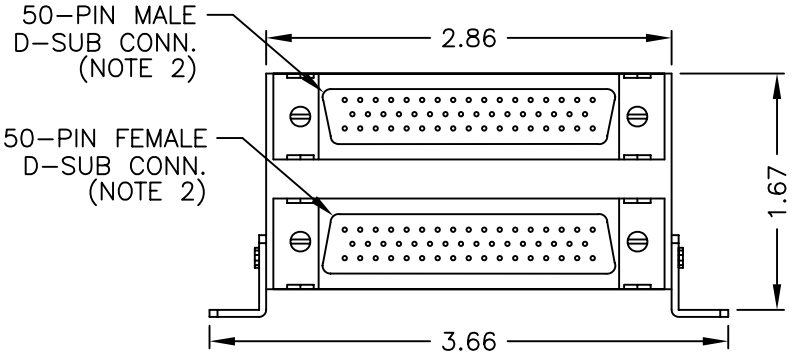
Logo and company name have been changed in title block only. No functional or technical changes have been made. Revision remains unchanged.







VERTICAL MOUNT



HORIZONTAL MOUNT

NOTES:
1) For installation and more information, see installation manual P/N 7019029.
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 6/26/00

APPROVED: B. Barnes 6/27/00

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Mid-Continent INSTRUMENTS+AVIONICS

TITLE: RELAY UNIT

PART NUMBER: MD41-244

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