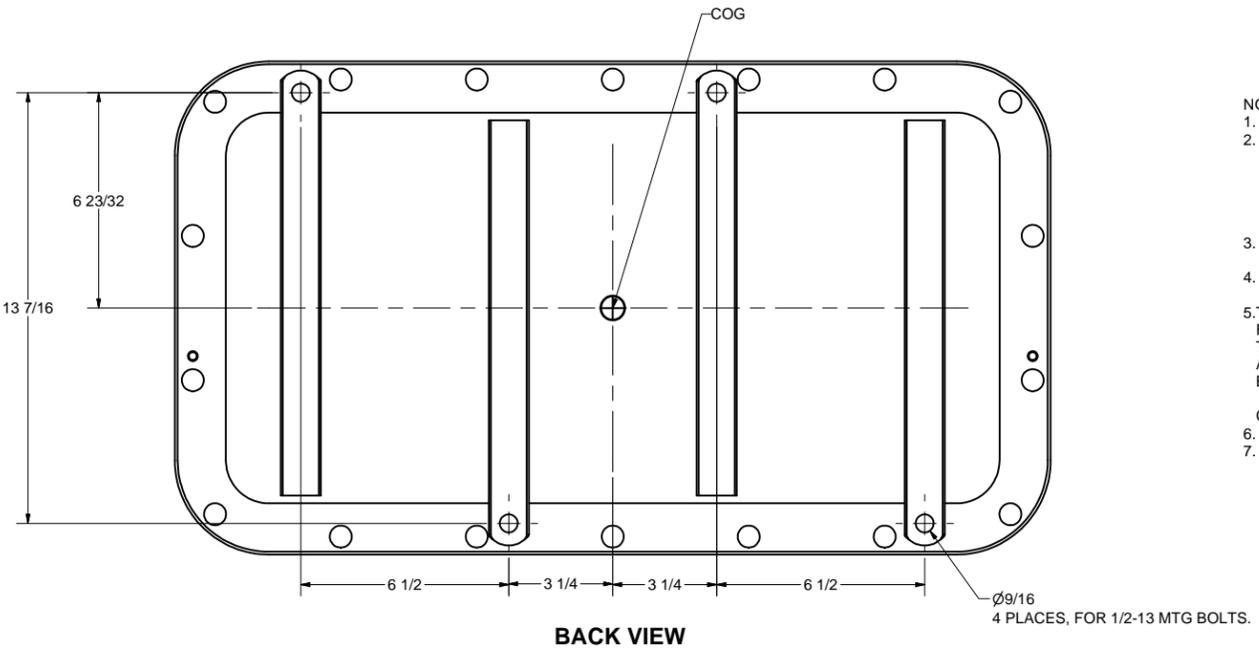
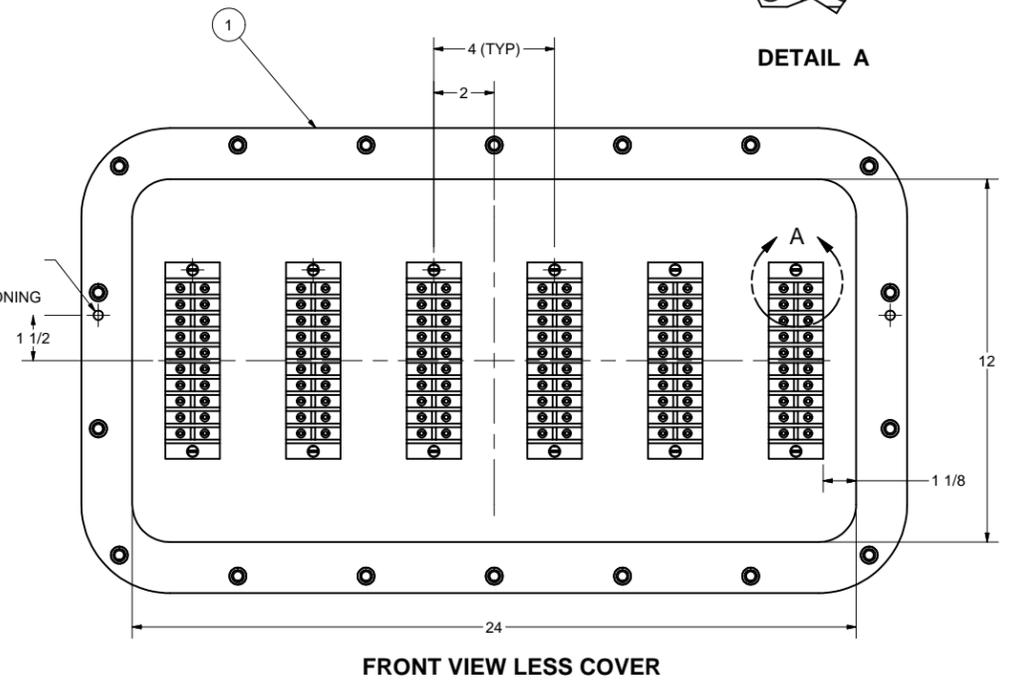
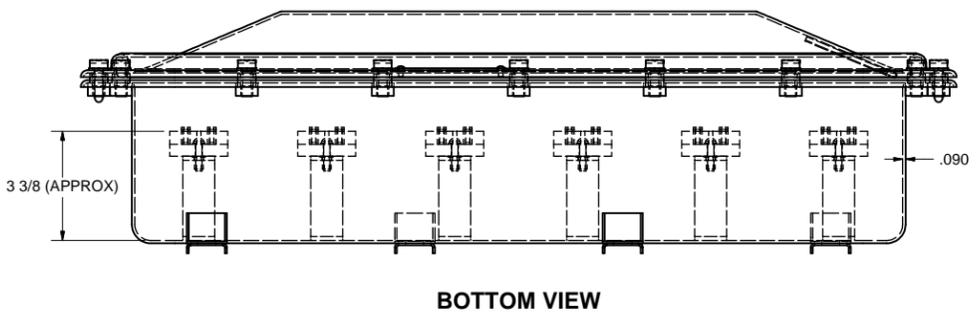
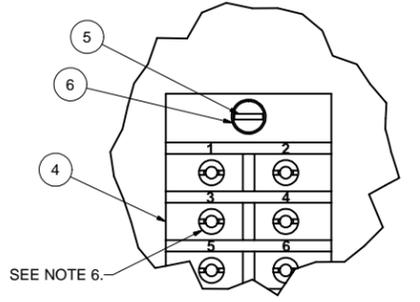
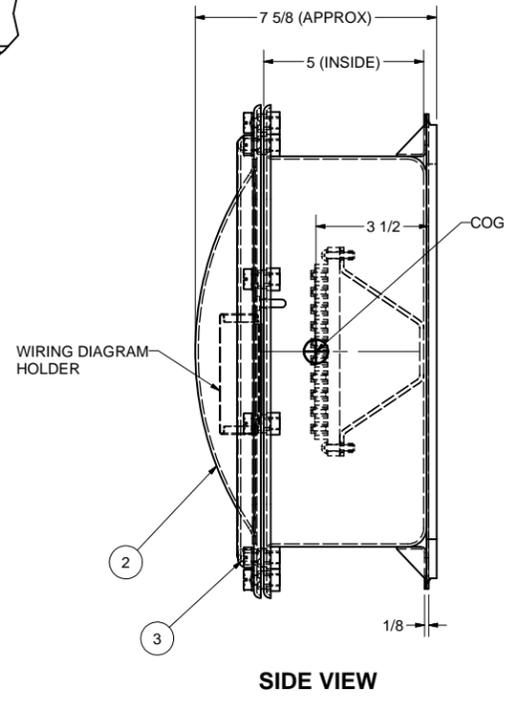
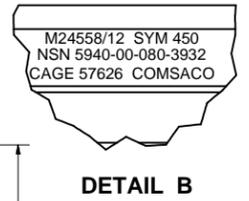
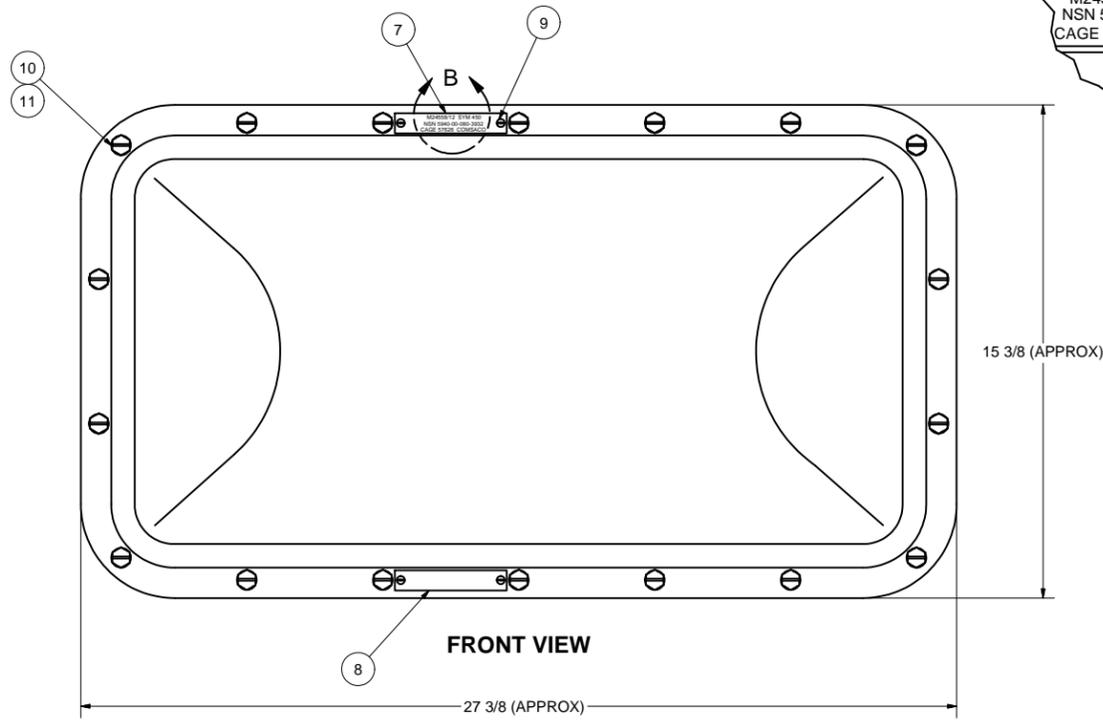


ZONE		REV	DESCRIPTION	DATE	AUTH
2A	4C	A	CHANGED: ITEM 11 WAS AN960B716, WIRING DIAGRAM HOLDER WAS IN CENTER OF COVER	10/9/87	WW
5A	1B	B	ADDED: APPROVAL LETTERS TO NOTE 4. CHANGED: ITEM 18 WAS 100215.	10/9/89	WW
ALL	3B	C	REVISED: DWG INTO CAD FORMAT. TEST NOTES, REPLACED WITH LATEST INFORMATION. PARTS LIST-UPDATED ITEM NUMBERS. AUTH: DESIGN REQUIREMENTS.	8/10/04	WW
5D, 4A	4D	D	ADDED: DETAIL B, TEST APPROVAL TO NOTE 5. CENTER OF GRAVITY (COG) TO SIDE VIEW, BACK VIEW. REVISED: NOTE 1 WAS MIL-T-24558/12, NOTE 2 WEIGHT MAX WAS 43.6. AUTH: DESIGN REQUIREMENT & ML-DTL-24558/12A.	12/11/08	WW



- NOTES:
- THIS DRAWING DEVELOPED FROM MIL-DTL-24558/12A.
 - RATINGS AND SPECIFICATIONS:
 - A) 600 VOLTS, 40 AMPS MAXIMUM PER STUD OF TERMINAL BOARD.
 - B) 120 TERMINALS, 480 WIRES MAX.
 - C) DEGREE OF ENCLOSURE: SUBMERSIBLE TO 15 FEET (SBM-15) PER MIL-STD-108.
 - D) MAGNETIC PERMEABILITY: LESS THAN 2.0 FERROUS MATERIALS: NONE.
 - E) WEIGHT: 44 LBS MAX. (ACTUAL WEIGHT 44LBS)
 - UNLESS OTHERWISE SPECIFIED, CABLE ENTRANCE DEVICES WILL BE PROVIDED AND INSTALLED BY THE INSTALLING ACTIVITY.
 - TERMINAL BOARDS ARE MOLDED BARRIER STUD TYPE, CLASS 4TB PER A-A-59125/10, MAXIMUM LUGS PER STUD IS 4. BU-SHIPS TYPE L80. STUDS ARE 8-32.
 - THIS EQUIPMENT TESTED UNDER COMSACO TEST REPORT FA-1095 AND E-LABS REPORT 248-A HAS PASSED FIRST ARTICLE TESTING PER MIL-DTL-24558(SH) PARAGRAPH 4.4. APPROVED 23SEP04 BY NAVICP-M 8732, MECHANICSBURG. TESTS INCLUDED:
 - A) VIBRATION PER MIL-STD-167 TYPE I. EXPLORATORY AND ENDURANCE UP TO 50HZ.
 - B) SHOCK PER MIL-S-901D: LIGHTWEIGHT HIGH IMPACT, GRADE A, CLASS I, TYPE C, HULL MOUNTED, BACK MTG PLANE, UNRESTRICTED ORIENTATION.
 - C) EFFECTIVENESS OF ENCLOSURE PER MIL-STD-108. (SBM-15FT)
 - BARREL NUTS FOR TERMINAL BOARDS TO BE PACKAGED SECURELY AND SHIPPED LOOSE INSIDE ENCLOSURE.
 - FINISH: INTERIOR ONLY WITH WHITE ENAMEL.

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	200138	BOX WELDMENT, BRASS, 12 X 24
2	1	200174-105	COVER WELDMENT, BRASS, 12 X 24
3	1	100146-10	GASKET, RUBBER, PER MIL-R-6822, CL I
4	6	4TB20	TERMINAL BOARD, 20T, A-A-59125/10
5	12	COMMERCIAL	RHMS, BRASS, 10-24 X 7/8"
6	12	COMMERCIAL	WASHER, INT TOOTH, PHOS BRONZE, #10
7	1	100260-450	NAMEPLATE, BRASS
8	1	100260-1	INFO PLATE, BRASS
9	4	COMMERCIAL	RHMS, BRASS, 6-32 X 1/4"
10	18	74031-5	BOLT, COVER, BRASS, 3/8-16
11	18	AN960B616	WASHER, FLAT, BRASS, 3/8"

REDRAWN
CHRIS WINDLEY 7/20/2004
ORIGINAL
W WESTHOFF 6/9/1987

QA
MFG
APPROVED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES +/- 1/64 .XX .XXX .005

SCALE

COMSACO, INC.
NORFOLK, VA. 23502

TERMINAL BOX ASSY, BRASS, 12 X 24, SYM 450

SIZE CODE IDENT NO DWG NO
D 57626 404-450

REV D

SHEET 1 OF 1

NEXT ASSY	SYM 450 USED ON
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