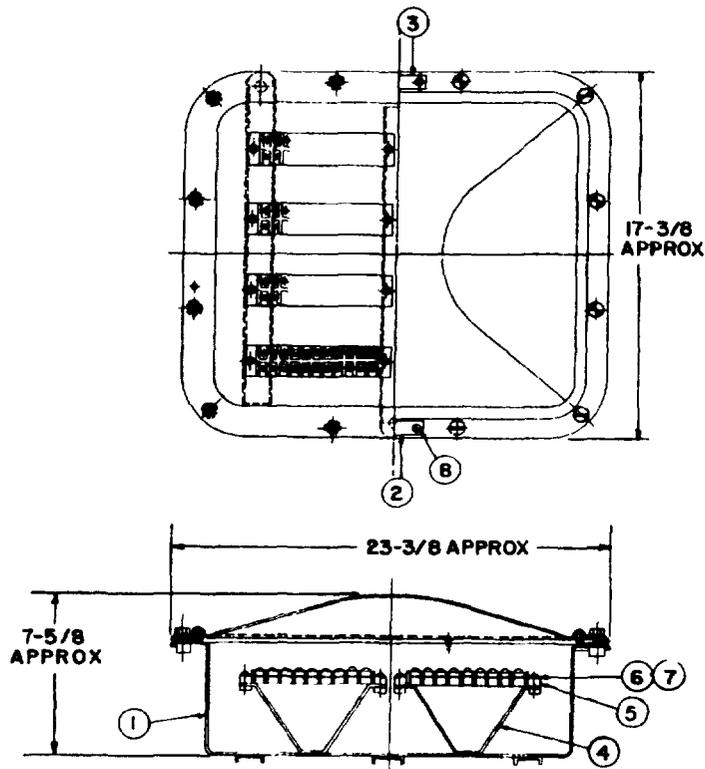


MILITARY SPECIFICATION SHEET

TERMINAL BOX, CONNECTION, SUBMERSIBLE (15-FOOT), 192-TERMINAL, 576-WIRE,
600 VOLTS, SYMBOL NO. 451

This specification sheet is approved for use by the Naval Sea Systems Command and is available for use by all Departments and Agencies of the Department of Defense.

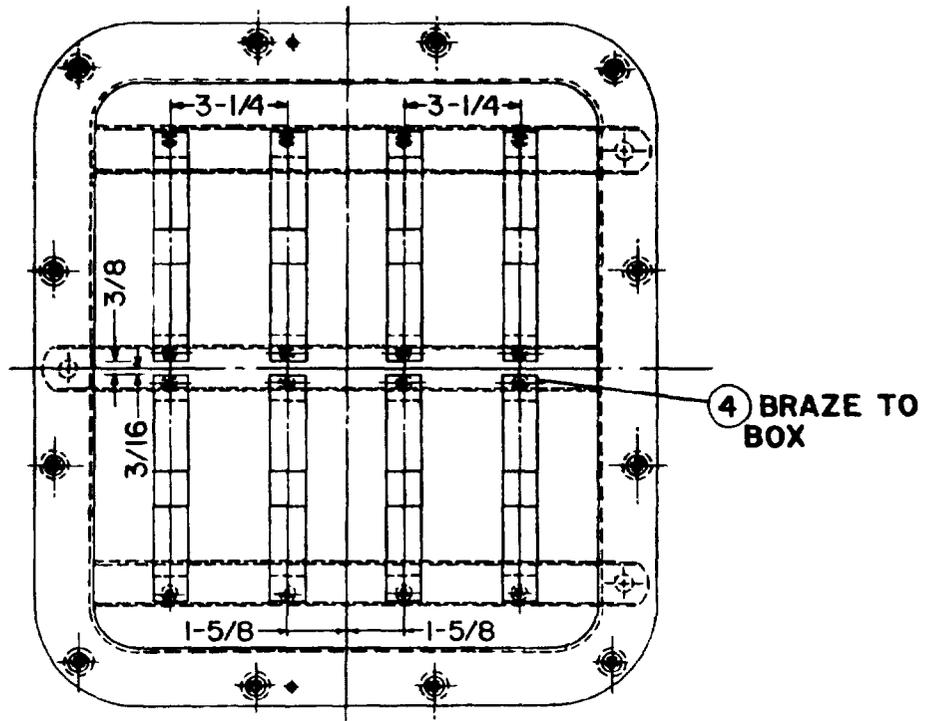
The complete requirements for acquisition of the terminal box described herein shall consist of this document and the latest issue of MIL-T-24558(SH).



SH 11611

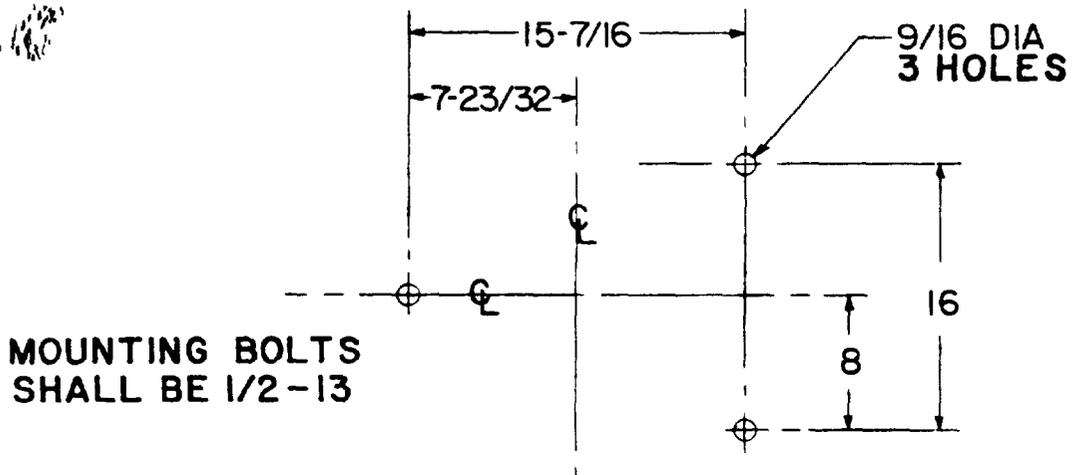
FIGURE 1. Connection box assembly.

All dimensions in inches.
For tolerances, other than specified herein, see paragraph 3.4.8 of MIL-T-24558.



SH 11612

FIGURE 2. Location of terminal board mounting brackets.



SH 11613

FIGURE 3. Mounting dimensions.

MIL-T-24558/14(SH)

REQUIREMENTS:

DESIGN:

Electrical rating: 600 volt rms/DC. The maximum current shall be 30 amperes per stud of terminal board.

Dimensions and configuration: See figures 1 through 3.

Standard parts: The standard parts shown in table I shall be used in the construction of the connection box specified herein. Numbers in circles shown on the figures are the same as those shown in "Item" column of table I.

Enclosure: 15-foot submersible.

QUALITY ASSURANCE: First article inspection and Quality conformance inspection shall be as specified in MIL-T-24558.

GENERAL INFORMATION: Assignment of Military part numbers and general information is as follows:

- (a) Military part number: M24558/14-451.
- (b) Weight: The weight of the connection box shall be 36.9 lbs. maximum.
- (c) Formerly covered on NAVSHIPS Drawing No. 9000-S6202-74375.
- (d) Overall terminal box dimensions are approximate. Exact dimensions are shown on Military Specification for Item 1, table I.
- (e) The maximum number of wires (including spares) shall not exceed three times the number of terminals, and the maximum number of wires to be connected to a single terminal shall not exceed three.

TABLE I. Parts list.

Item	Description	Qty	Part no. or spec	Remarks
1	Enclosure assembly, brass with type A cover	1	MIL-E-24142/6	M24142/6-013
2	Identification plate	1	MIL-T-24558	Figure 6
3	Information plate	1	MIL-T-24558	Figure 6
4	Mounting bracket	8	MIL-T-24558	Figure 1
5	Terminal board assembly	8	MIL-T-55164/12	6TB24
6	RH mach screw #10-24x7/8" long	16	COML	Brass
7	Washer for #10 screw	16	COML	Bronze
8	RH mach screw #6-32x1/4" long	4	COML	Brass

Preparing activity:
Navy - SH
(Project 5940-N856-14)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

OMB Approval
No 22-R255

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DOCUMENT IDENTIFIER AND TITLE

MIL-T-24558/14 (SH)

NAME OF ORGANIZATION AND ADDRESS

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

 DIRECT GOVERNMENT CONTRACT SUBCONTRACT

1 HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?

A GIVE PARAGRAPH NUMBER AND WORDING

B RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES

2 COMMENTS ON ANY DOCUMENT REQUIREMENT CONSIDERED TOO RIGID

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