

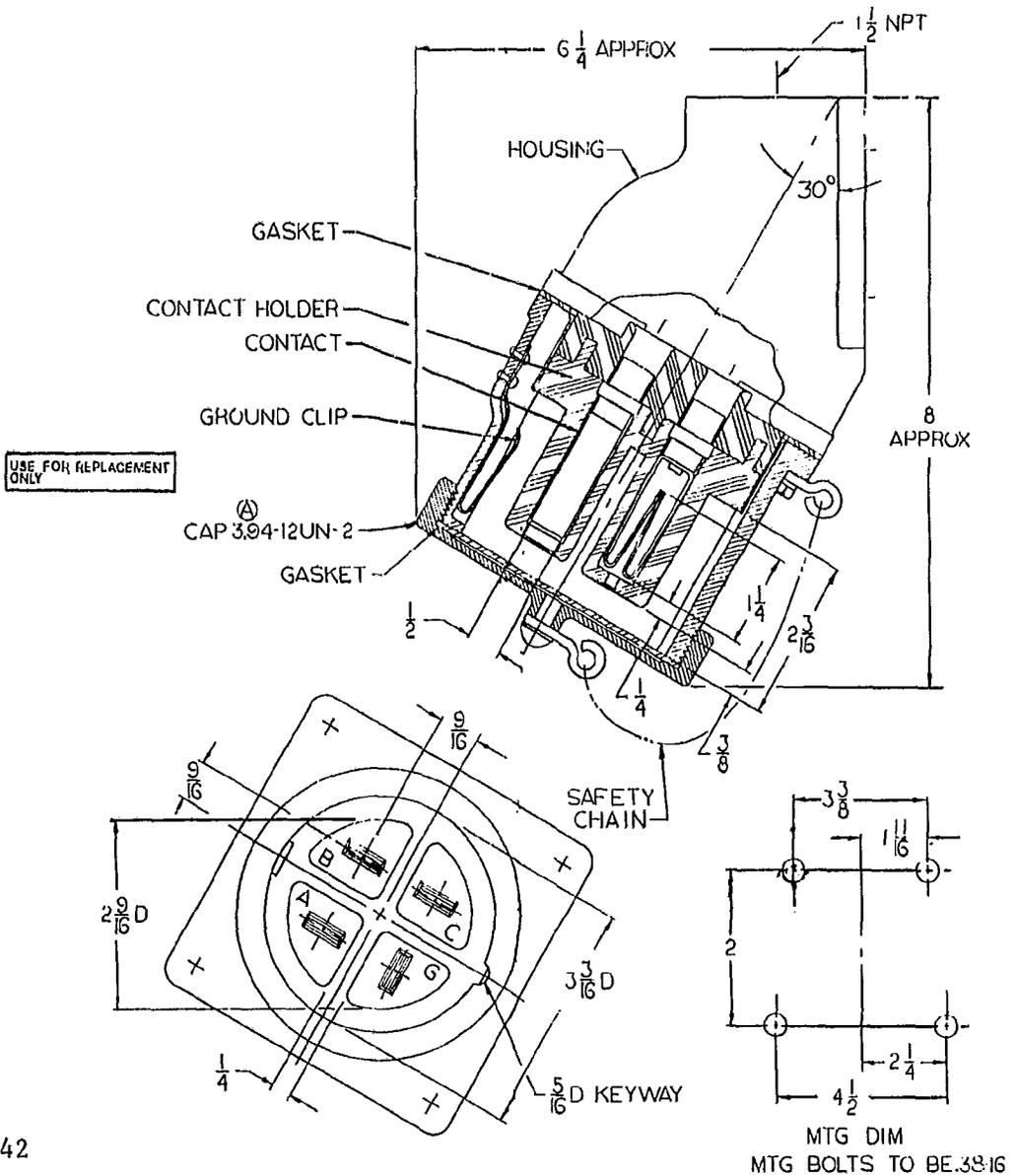
MILITARY SPECIFICATION SHEET

Ⓐ RECEPTACLE, ELECTRICAL, 4-POLE GROUNDED, 60-AMPERE,
450-VOLT, 3-PHASE (SYMBOL NO. 1266)

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

Ⓐ The requirements for acquiring the receptacle described herein shall consist of this specification and the latest issue of MIL-R-2726.

Ⓐ denotes changes.



SH 9142

NOTE:

1. Dimensions are in inches. Unless otherwise specified, tolerances are $\pm 1/64$ inch for fractions. Angular tolerance $\pm 1/2$ degree.

FIGURE 1. Dimensions and configuration.

REQUIREMENTS:

1. Dimensions and configuration: See figure 1.
2. Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.
3. Material: Housing - optional - polyamide (nylon) or metal.
Contact holder - in accordance with type MAI-60 of MIL-M-14.
4. Contact hardness: Minimum of Rockwell 45B.
5. Mating plug: MIL-R-2726/56, part number M2726/56-001 (not furnished).
6. Contact resistance: When tested as specified in 4.7.3 of MIL-R-2726, the voltage drop shall not exceed 75 millivolts measured between the ends of two 25-inch lengths of test cable properly connected to a test receptacle and the plug, respectively.
7. Test cable: Commercial 4-conductor, AWG size 4 (259 by 25), 600-volt, type W (not furnished).
8. Design: Plastic enclosed terminal barriers shall be provided.
9. Part number: M2726/61-001.
10. Electrical rating: 60-ampere, 450-volt, alternating current, 60-hertz.

QUALITY ASSURANCE:

Quality assurance shall be as specified in MIL-R-2726 and table I herein. The first article and quality conformance inspections shall consist of the inspections as specified in table I, in the order shown.

TABLE I. First article and quality conformance inspection.

Inspection	Requirement	Test method	First article	Quality conformance
Examination	3.1, 3.3, 3.4, 3.5, 3.6 and 3.7	4.6.1	X	X
Insulation resistance	3.5.1	4.7.1	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	X
Contact resistance	3.5.3.1	4.7.3.1	X	X
Endurance	3.5.5	4.7.5	X	
Salt spray	3.5.11	4.7.11	X	
Contact resistance	3.5.3.1	4.7.3.1	X	
Current load	3.5.12	4.7.12	X	
Vibration	3.5.9	4.7.9	X	
Shock	3.5.10	4.7.10	X	
Effectiveness of enclosure	3.5.4	4.7.4	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	
Rockwell hardness	3.5.14	4.7.14	X	

Preparing activity:
Navy - SH
(Project 5935-N255-62)