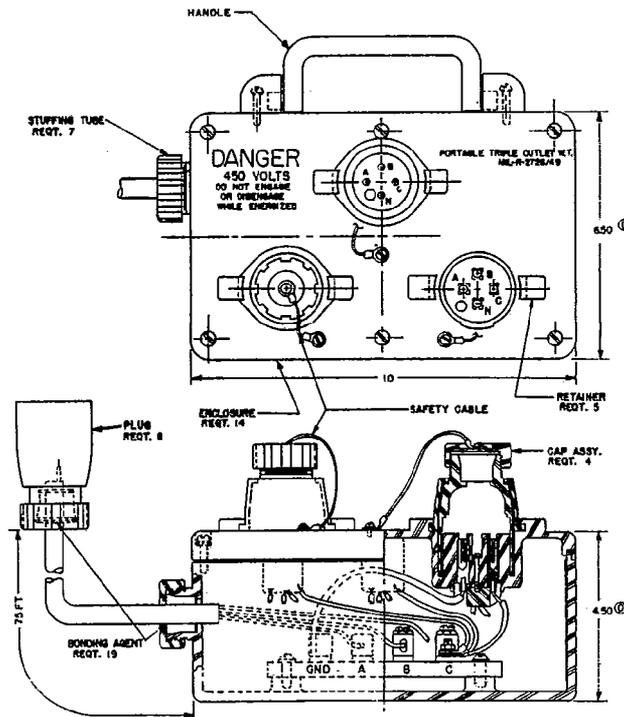


MILITARY SPECIFICATION SHEET

RECEPTACLE, OUTLET, TRIPLE, ELECTRICAL, 40-AMPERE,  
 450-VOLT, 60 HERTZ, ALTERNATING CURRENT, 4-POLE, PORTABLE,  
 PLASTIC, GROUNDED (SYMBOL NOS. 765.6, 765.7 AND 765.8)

- Ⓓ 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.



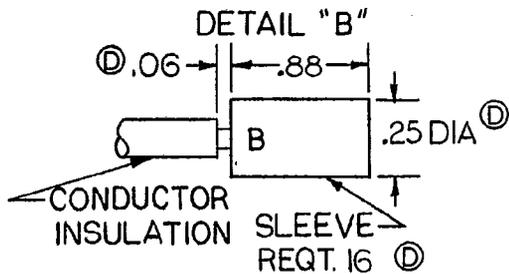
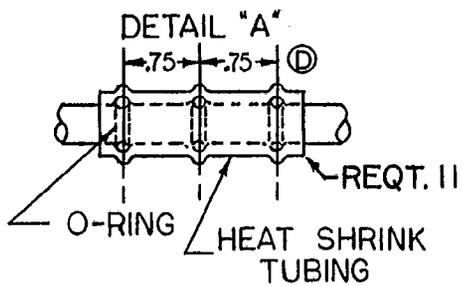
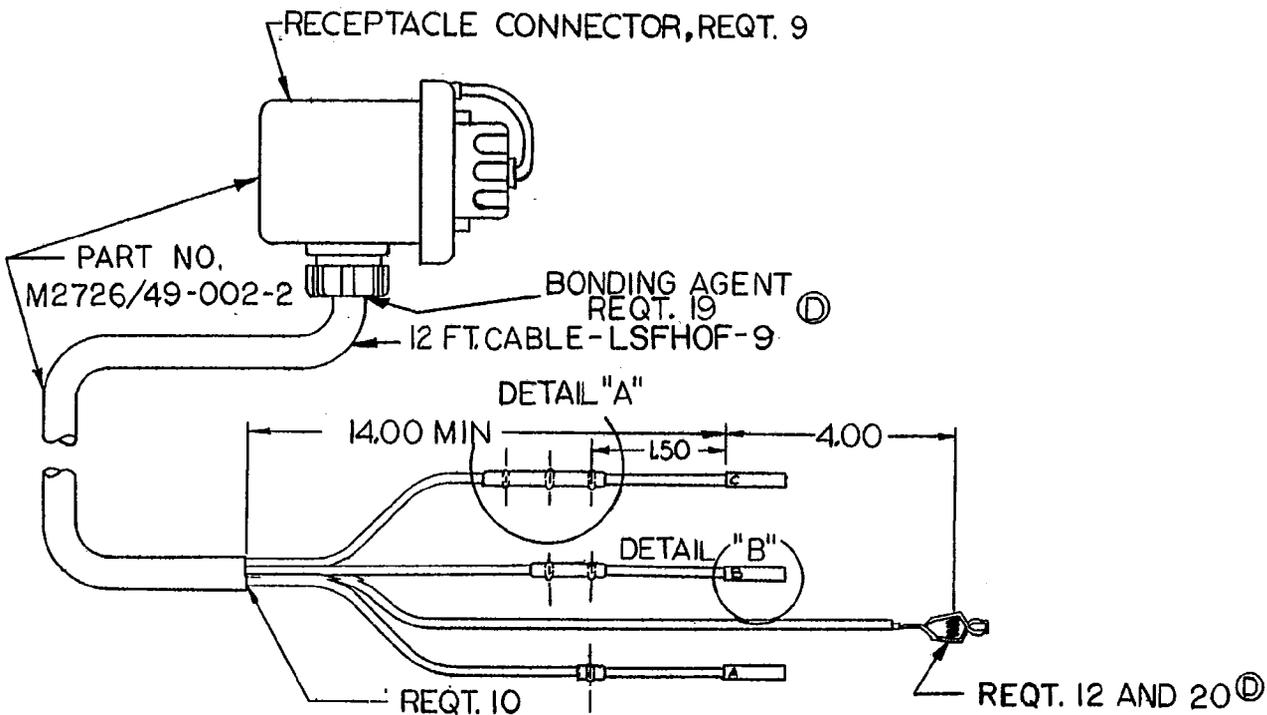
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NOTES:

1. Unless otherwise specified, dimensions are in inches. Unless otherwise specified, tolerances are  $\pm 1/64$  inch.
2. Symbol 765.6 supersedes Drawing 815-74472, symbol 765.5.

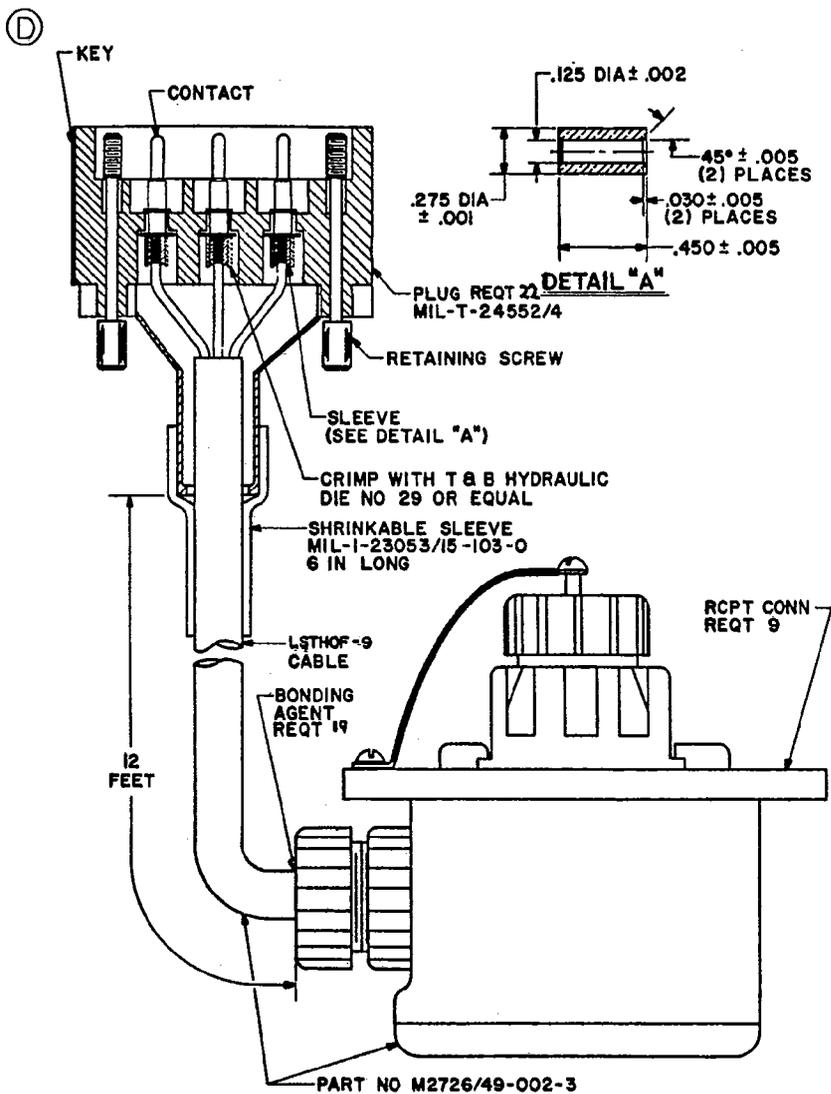
FIGURE 1. Dimensions and configurations for part number M2726/49-002-1.

Ⓓ denotes changes.



SH 9129

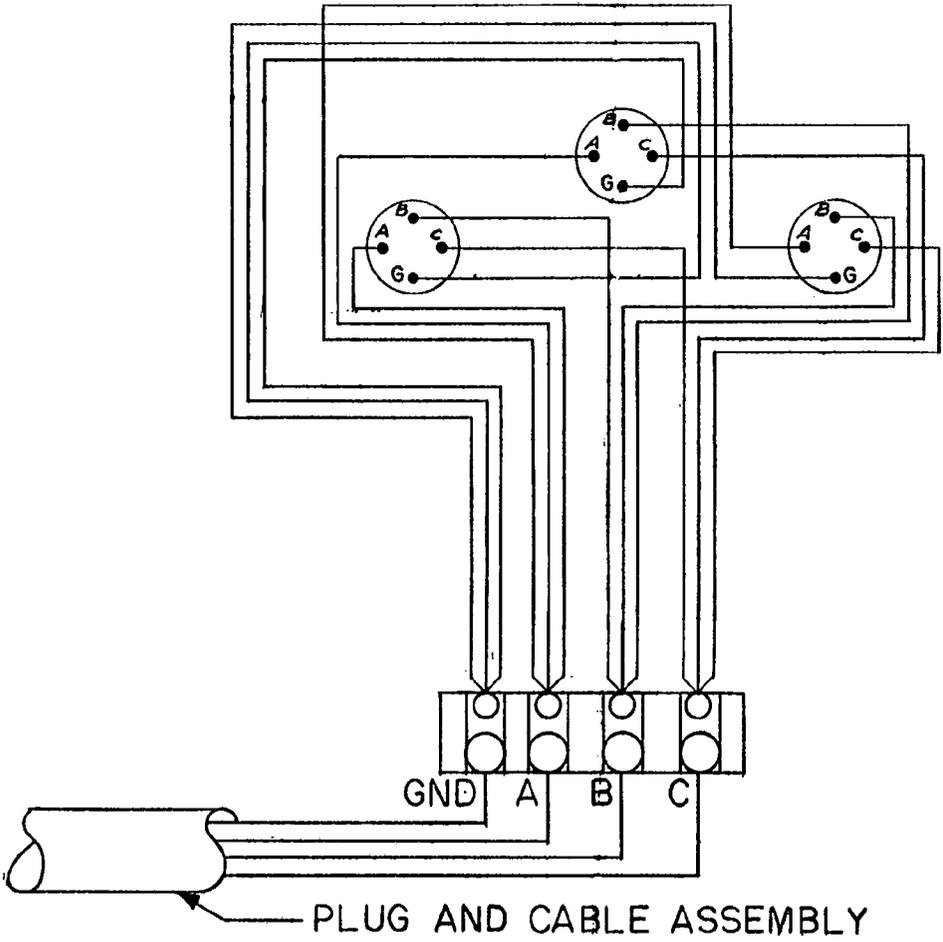
FIGURE 2. Dimensions and configurations for part number M2726/49-002-2.



SH 11550

FIGURE 3. Dimensions and configurations for part number M2726/49-002-3.

WIRING DIAGRAM



SH 1320197

FIGURE 4. Wiring diagram for part number M2726/49-002-1.

## REQUIREMENTS:

1. Dimensions and configurations: See figures 1, 2, 3 and 4.
2. Effectiveness of enclosure: Watertight in accordance with MIL-STD-108.  
Applies to part M2726/49-002-1 assembled with mating plugs and caps inserted and stuffing tube and cable installed.  
Applies to part M2726/49-002-2 and M2726/49-002-3 assembled with mating plug inserted and stuffing tube and cable installed.
- ③ 3. Receptacles: MIL-R-2726/9, part number M2726/9-002 except that the plastic shall be in accordance with type MAI-60 of MIL-M-14, molded integral with cover.
- ③ 4. Cap assemblies: MIL-R-2726/13, part number M2726/13-001.
5. Cap retainer: Equivalent to retainer latch as specified in MIL-R-2726/16.
6. A terminal board shall be furnished.
- ③ 7. Stuffing tube: MIL-S-19622, part number M19622/1-005; and packing assembly part number M19622/19-0004 (for cable type LSTHOF-9), part number M19622/19-0005 (for cable type LSFHOF-9) shall be furnished and installed.
- ③ 8. Plug assembly: MIL-R-2726/3, part number M2726/3-001.
9. Receptacle connector: MIL-R-2726/16, part number M2726/16-003 except plastic shall be type MAI-60 in accordance with MIL-M-14. This connector, part number M2726/49-002-2 or M2726/49-002-3, is for use when hook-up to casualty power system is required.
10. Cut ends of cable insulation shall be made watertight by applying a heavy coat of clear insulating varnish.
11. For phase identification by touch, apply O-rings and secure with heat shrinkable tubing in accordance with MIL-I-23053, as follows:
  - Black wire ("A" phase): One O-ring and black tubing.
  - White wire ("B" phase): Two O-rings and white tubing.
  - Red wire ("C" phase): Three O-rings and red tubing.
12. Ground lead shall have a spring tension electrical clip in accordance with type PCL, item number 1 of W-C-440 installed.
- ③ 13. Mating plug: MIL-R-2726/3, part number M2726/3-001 (not furnished).
- ③ 14. Enclosure housing, cover and handle shall be yellow, molded plastic, type MAI-60 in accordance with MIL-M-14. See requirement 1 for dimensions and configuration.
- ③ 15. Cable: In accordance with MIL-C-24643 and MIL-C-24643/3.
16. Sleeve: Copper, shall be crimped securely on the end of each phase conductor. Splicer, type GCBC in accordance with MIL-T-16366 may be used. Crimped sleeve shall meet the pull-out requirements as specified in MIL-T-16366. Phase marking shall be stamped on the sleeve in 1/8-inch letters.
17. The outlet shall be used for operating a group of up to three portable submersible pumps.
18. Part number: M2726/49-002 (includes -1, -2, and -3).
19. Bond the rubber packing grommet to the cable by a bonding agent such as Gates Engineering Co. N-29 or equal, accelerated with N-39 or equal; coat inner surface of hole in grommet.
20. Provide rubber boot over ground clip on part number M2726/49-002-2.

## REQUIREMENTS: - Continued

21. Molded parts containing markings based on drawings which have been superseded may continue to use the superseded markings until the molds require renewal.
22. Plug: MIL-T-24552/4-001, symbol 1049.
23. General information is specified in table I.
24. Warning plates: The warning plates shall be furnished. One as specified in MIL-R-2726 and as shown on figure 1.

TABLE I. General information.

Symbol number	Part numbers required	Used with portable submersible pumps and hoists in systems using:
765.6	M2726/49-002-1	No casualty equipment
765.7	M2726/49-002-1 M2726/49-002-2	Casualty power equipment in accordance with MIL-T-24381 <sup>1/</sup>
765.8	M2726/49-002-1 M2726/49-002-3	Casualty power equipment in accordance with MIL-T-24552

<sup>1/</sup> Replacement only, not for new construction.

④ QUALITY ASSURANCE:

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

TABLE II. 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
Vibration	3.5.9	4.7.9	X	
Shock	3.5.10	4.7.10	X	
Salt spray	3.5.11	4.7.11	X	
Effectiveness of enclosure	3.5.4	4.7.4	X	X
Dielectric withstanding voltage	3.5.2	4.7.2	X	
Leakage current	3.5.16	4.7.16	X	X
Pull-out strength	Requirement 17	MIL-T-16366		

Preparing activity:  
Navy - SH  
(Project 5935-N255-50)