

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

User activities: ARMY - AT, AV, MI  
NAVY - MC, CG, OS  
AIR FORCE - 13, 19

Review activities: ARMY - EL, MI, MU  
NAVY - EC, AS  
AIR FORCE - 17, 86, 99  
DSA - ES

Ⓔ ENTIRE STANDARD REVISED

|   |                           |  |                              |
|---|---------------------------|--|------------------------------|
| P.A.<br>NAVY-EC<br>Other Cust<br>ARMY-EL<br>AF-11 | International<br>Interest | TITLE<br>COVER, ELECTRICAL CONNECTOR,<br>PLUG, CLASS L | MILITARY STANDARD<br>MS90564 |
| Procurement Specification<br>MIL-C-22992          |                           | SUPERSEDES:  | PAGE 1 OF 2                  |

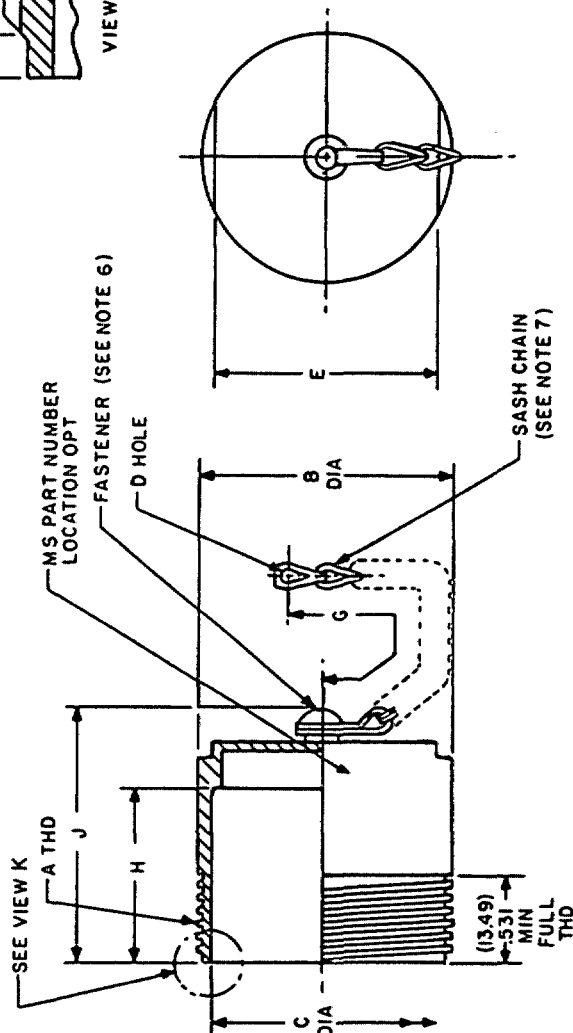
DD FORM 672 1 MAY 73 (Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5935-2064-2

(2.54) (.63)  
+.025 MINOR DIA  
-.020  
(.51)



VIEW K



EXAMPLE OF PART NUMBER

MS90564  
MS NUMBER  
DASH NUMBER  
FINISH  
(SEE NOTE 5)

SUPPLEMENTATION DATA:  
MS part number MS90564-3 is superseded by MS part number MS90564-3C.  
MS part number MS90564-4 is superseded by MS part number MS90564-4C.

APPROVED JUN 66

REVISED 25 MAR 77

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Review activities: Army - Navy - Air Force -

User activities: Army - Navy - Air Force -

| MS Part number |    | Shell size          | A<br>Thread<br>DS-2A | B<br>Dia.<br>Max. | C<br>Dia.<br>Min. | D Dia. Hole<br>See note B                 |                                     | E<br>Across flats | G<br>See note 7 | H<br>Min.     | J<br>Max.     |
|----------------|----|---------------------|----------------------|-------------------|-------------------|---|-------------------------------------|-------------------|-----------------|---------------|---------------|
|                |    |                     |                      |                   |                   | For receptacle with coupling ring MS90558 | For plug with coupling ring MS90556 |                   |                 |               |               |
| MS90564-1 ( )  | 28 | 2.000-.1428P-.2857L | 2.000 (50.80)        | 1.692 (42.98)     | .164              | .164                                      | .164                                | 1.750 (44.45)     | 7.500 (190.50)  | 1.562 (39.67) | 2.266 (57.56) |
| -3 ( )         | 32 | 2.250-.1428P-.2857L | 2.250 (57.15)        | 1.942 (49.33)     | .190              | .190                                      | .164                                | 2.000 (50.80)     | 6.000 (152.40)  |               |               |
| -4 ( )         |    |                     |                      |                   |                   |   |                                     |                   | 7.500 (190.50)  | 1.562 (39.67) | 2.266 (57.56) |
| -7 ( )         | 44 | 3.000-.1428P-.2857L | 3.000 (76.20)        | 2.692 (68.38)     | .250              | .250                                      | .250                                | 2.750 (69.85)     | 8.500 (215.90)  | 1.781 (45.24) | 2.484 (63.09) |
| -9 ( )         | 48 | 3.250-.1428P-.2857L | 3.250 (82.55)        | 2.911 (73.94)     | .250              | .250                                      | .250                                | 3.000 (76.20)     | 8.500 (215.90)  | 1.781 (45.24) | 2.484 (63.09) |
| -11 ( )        | 52 | 3.500-.1428P-.2857L | 3.500 (88.90)        | 3.161 (80.29)     | .250              | .250                                      | .250                                | 3.250 (82.55)     | 8.500 (215.90)  | 1.781 (45.24) | 2.484 (63.09) |

**NOTES:**

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Metric equivalents are in parentheses.
4. Unless otherwise specified, tolerance is  $\pm 0.10$  (.25 mm).
5. Finish shall be designated by the letter C (conductive) or N (non-conductive).
6. Chain shall move freely on protective cap after assembly.
7. Chain shall be passivated stainless steel in accordance with type II, class 3, trade number 8 of RR-C-271 for -1, -3 and -4, and type II, class 3, trade number 35 of RR-C-271 for -7, -9 and -11. Chain shall be within one link of length specified.
8. Clearance to accommodate screw size indicated. Clearance hole may be rounded and enlarged by the use of a drift pin.
9. Optional design chain: Chain may be reversed and a larger link provided as a reverse link to provide the necessary D clearance hole.
10. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
11. Referenced documents shall be of the issue in effect on date of invitation for bid.

FED. SUP CLASS  
5935

|  |                  |  |                               |
|--|------------------|--|-------------------------------|
| P.A.<br>NAVY-EC                          | Interim Interest | TITLE<br>COVER, ELECTRICAL CONNECTOR,<br>PLUG, CLASS L | MILITARY STANDARD<br>MS 90564 |
| Other Cust.<br>ARMY-EL<br>AF-II          |                  | SUPERSEDES:  | PAGE 2 OF 2                   |
| Procurement Specification<br>MIL-C-22992 |                  |  |                               |