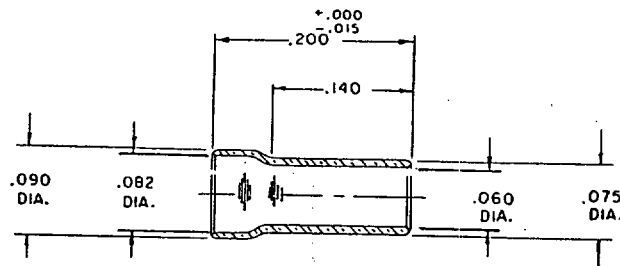
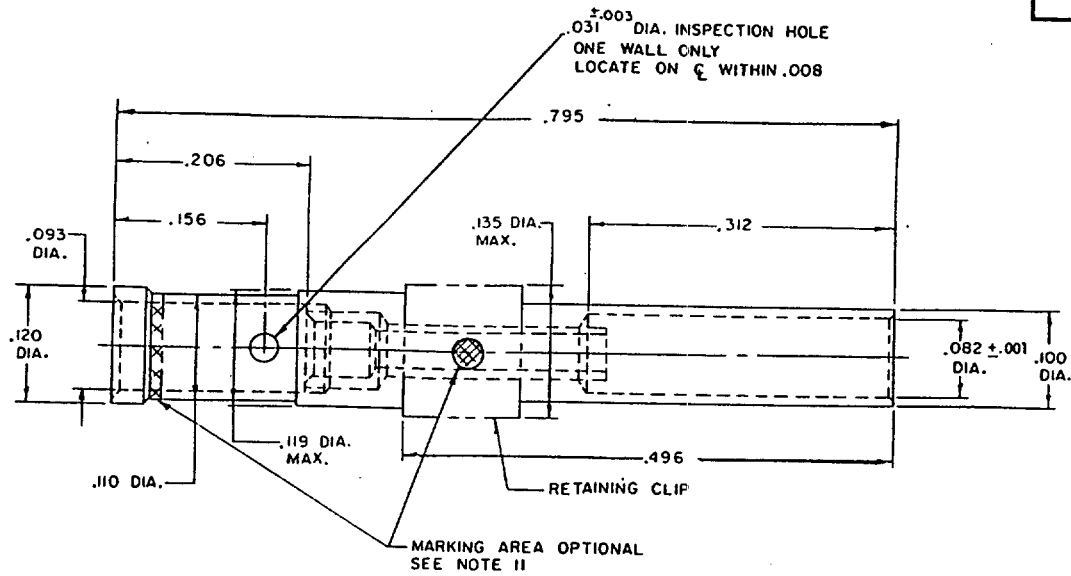
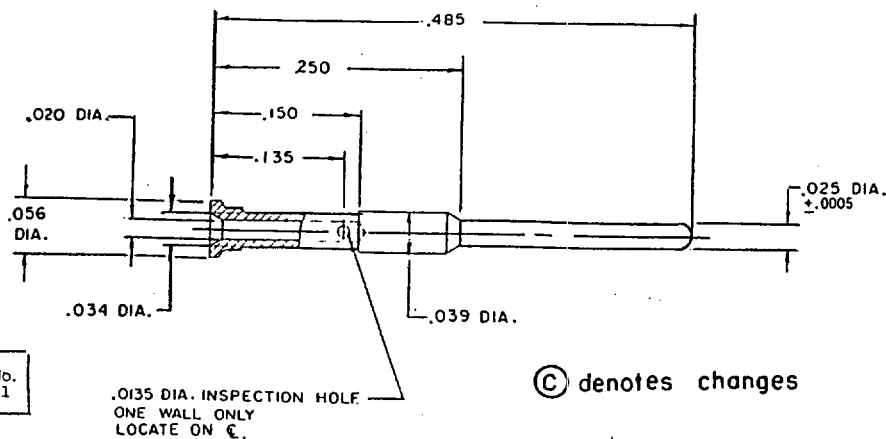


THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE SOLICITATION: MIL-C-23216

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MS Part No.
MS 18233-1

© denotes changes

PREPARING ACTIVITY: EC
CUSTODIANS: ARMY - NAVY -
AIR FORCE - DLA -

REVIEW:
USER:
PROJECT NUMBER: 5935-N367

DISTRIBUTION STATEMENT

A: Approved for public release; distribution is unlimited.

MILITARY SPECIFICATION SHEET

TITLE
CONTACT, ELECTRICAL CONNECTOR,
SOCKET, CRIMP REMOVABLE,
SHIELDED FOR RG-178B/U AND
RG-196A/U CABLE

SPECIFICATION SHEET NUMBER

MS18233C(EC) 30 Mar 90

SUPERSEDING

MS18233B(EC)

AMSC N/A

FSC 5935

Page 1 of 2

THIS SPECIFICATION IS APPROVED FOR USE BY Space and Naval Warfare Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

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NOTES:

1. Unless otherwise specified herein, contacts shall conform to specification MIL-C-23216.
2. Material: Contacts shall be of copper alloy material and shall be gold plated in accordance with type II, class I of MIL-G-45204; silver underplate shall not be used.
3. An insulator of suitable dielectric material and design will be furnished within the outer contact.
4. Surface finish: Machined surfaces shall have a 63 microinches (maximum) finish and shall conform to the requirements of USASI B46.1, except that flaws shall be included in the roughness height measurements.
5. Remove all burrs and sharp edges 0.005 inch maximum.
6. All dimensions in inches and are for finished part after plating.
7. All diameters shall be concentric within 0.004 inch total indicator reading.
8. Unless otherwise specified, tolerances of diameter dimensions shall be ± 0.003 , tolerances on length dimensions shall be ± 0.010 .
9. For design feature purposes, this standard takes precedence over procurement documents referenced herein.
10. Referenced documents shall be of the issue in effect on date of invitation for bid.
11. Marking requirement - color: Red.
12. Contacts shall be crimped with a crimping tool conforming to MS-3198-3P for the inner contact and MS-3191-7T for the outer contact.
13. Patent application of Edwin O. Classon, serial number 521913 filed January 20, 1966, and the patent issued thereon:
The Government has a royalty-free license to practice the invention described in the above patent application, either for Government use or for use in equipment to be delivered to the Government.
14. Crimp tensile values:
 - a. Inner contact: 4 pounds minimum.
 - b. Outer contact: 10 pounds minimum.
15. Contact engaging and separating forces:
 - a. Inner contact: 0.5 ounce minimum, 7.0 ounces maximum.
 - b. Complete contact assembly: 2.0 ounces minimum, 20.0 ounces maximum.
16. For mating contact, see MS-18232.
17. Contacts are intended for use in connectors conforming to MIL-C-22857.
18. RG-178B/U and RG-196A/U cables conform to MIL-C-17/93 and MIL-C-17/71, respectively.

PREPARING ACTIVITY: EC CUSTODIANS: ARMY - NAVY - AIR FORCE - DLA -	MILITARY SPECIFICATION SHEET TITLE CONTACT, ELECTRICAL CONNECTOR, SOCKET, CRIMP REMOVABLE, SHIELDED FOR RG-178B/U AND RG-196A/U CABLE	SPECIFICATION SHEET NUMBER MS18233C(EC) 30 Mar 90 SUPERSEDING MS18233B (EC) AMSC N/A FSC 5935
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