

MILITARY SPECIFICATION

**ADAPTER, CONNECTOR, COAXIAL,
RADIOFREQUENCY, BETWEEN SERIES,
TYPE UG-559B/U**

This specification has been approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force

1. SCOPE

1.1 This specification covers the detail requirements for type UG-559B/U, between series (series BNC to series HN), radiofrequency, coaxial connector adapter

2. APPLICABLE DOCUMENTS

2.1 The following documents of the issue in effect on date of invitation for bids, form a part of this specification to the extent specified herein

| | |
|-----------|-------------|
| REB10039 | — Washer |
| REA10041 | — Ring |
| REB10055 | — Insulator |
| REA10193 | — Contact |
| REB10225 | — Sleeve |
| REB10541 | — Body |
| REB10972 | — Insulator |
| REB10973 | — Contact |
| REB10974 | — Contact |
| REB101560 | — Insulator |
| REB101609 | — Body |

(Copies of specifications and drawings required by contractors in connection with specific procurement functions should be obtained from the procuring agency or as directed by the contracting officer)

SPECIFICATION**MILITARY**

MIL-A-27434 — Adapters, Connector, Coaxial, Radiofrequency, Between Series, General Specification for

DRAWINGS**BUREAU OF SHIPS**

REB10021 — Gasket
REB10036 — Washer
REA10037 — Washer

3. REQUIREMENTS

3.1 Requirements. Requirements shall be in accordance with Specification MIL-A-27434, and as specified herein

3.2 Design and construction. The connector adapter shall be of the design, construction, and physical dimensions specified on figure 1

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| FSC 5935 |
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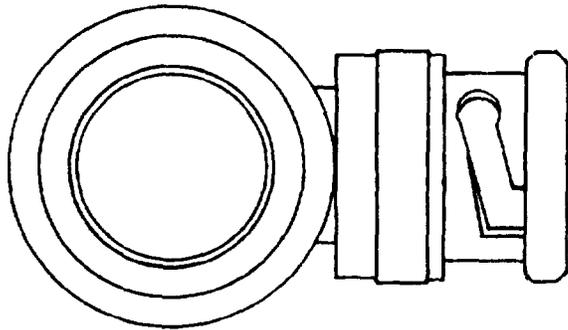
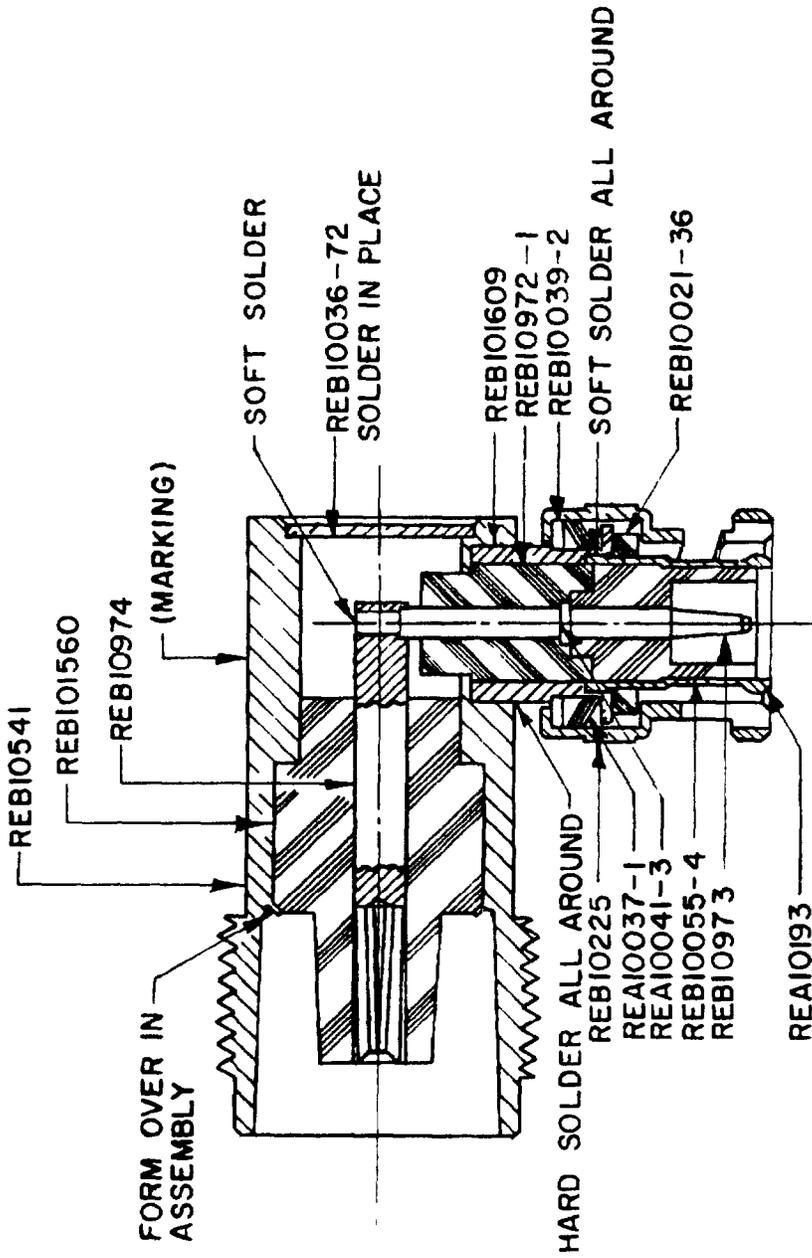


FIG. 1 Type UC-559B/U connector adapter

4. QUALITY ASSURANCE PROVISIONS

4.1 Sampling and inspection. Sampling and inspection shall be in accordance with Specification MIL-A-27434, and as specified herein

4.1.1 Group B inspection Group B inspection shall be in accordance with Specification MIL-A-27434 Mating dimensions shall be as specified in figure 2

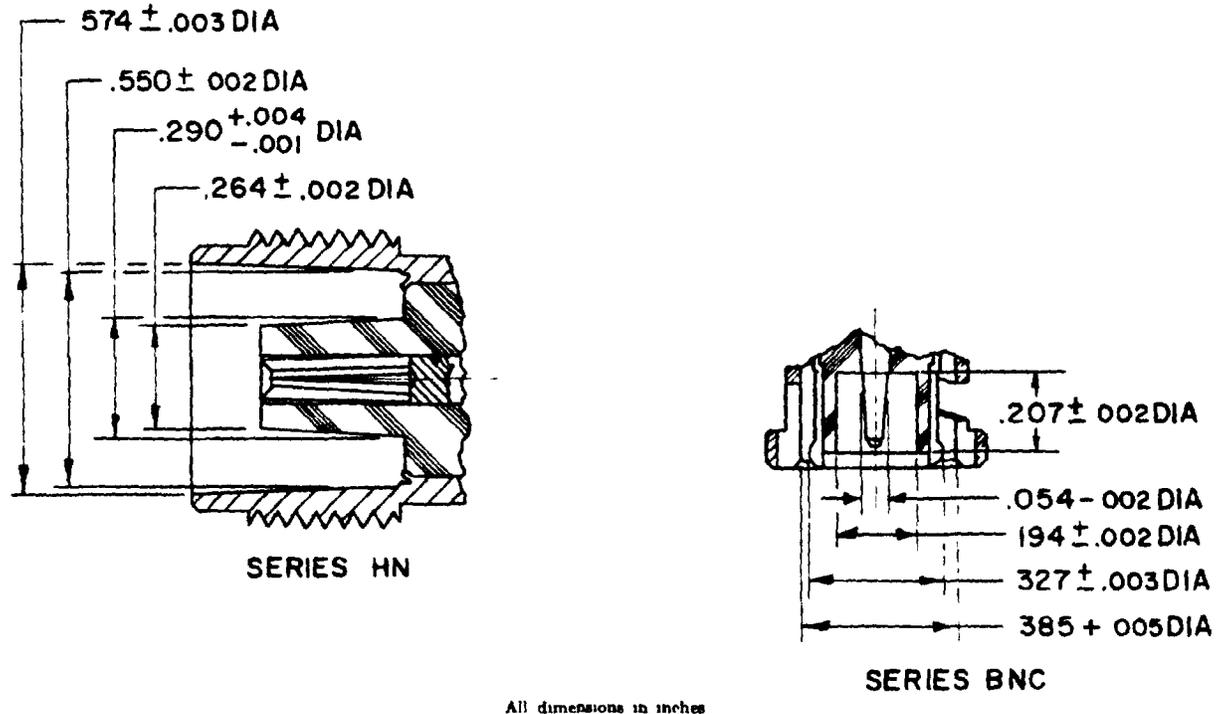


FIGURE 2 Dimensional requirements for group B inspection

5. PREPARATION FOR DELIVERY

5.1 Preparation for delivery shall be in accordance with Specification MIL/A-27434

6. NOTES

6.1 Notes. In addition to the notes specified herein, the notes specified in Specification MIL-A-27434 are applicable to this specification

6.2 This specification covers the design of type UG-559B U connector adapter which was

previously covered by Bureau of Ships drawing REB49344

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Custodians

- Army—Signal Corps
- Navv—Bureau of Ships
- Air Force

Preparing activity

- Army—Signal Corps