

MILITARY SPECIFICATION

ADAPTER, CONNECTOR, COAXIAL, RADIOFREQUENCY, BETWEEN SERIES, TYPE UG-971/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-971/U, between series (series Twin to series C), 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

SC-B-106731	— C Ring
SC-B-106732	— Coupling
SC-B-106733	— Insulator
SC-B-106735	— Insulator, Male
SC-B-106736	— Contact, Outer
SC-B-106737	— Contact, Female
SC-B-106739	— Contact, Short
SC-B-106740	— Contact
SC-B-106741	— Screw, Set
SC-C-106742	— Body Assembly

(Copies of specifications, standards, 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**SIGNAL CORPS**

SC-B-106730 — Gasket

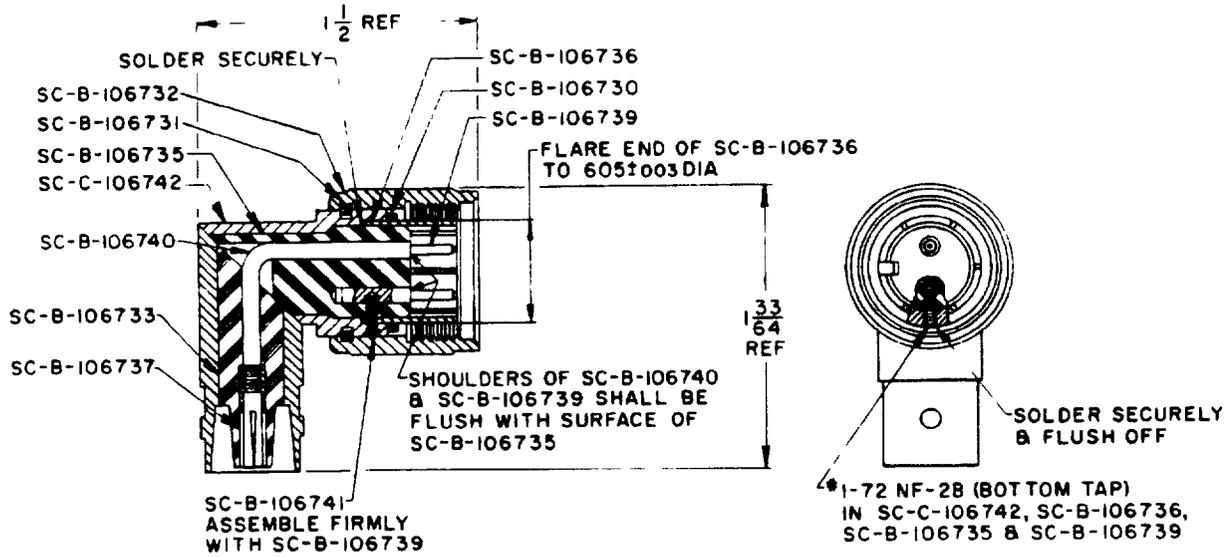
3. REQUIREMENTS

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

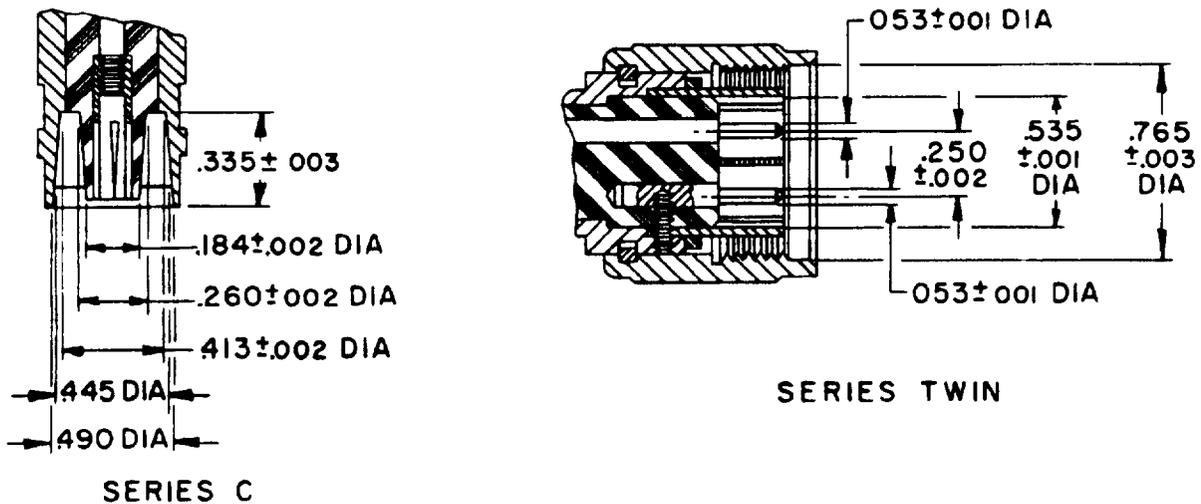
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MIL-A-27434/24



All dimensions in inches

FIGURE 1 Type UG-971/U connector adapter



- 1 All dimensions in inches
- 2 Unless otherwise specified tolerances are ± 0.005 on decimals

FIGURE 2 Dimensional requirements for group B inspection

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

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-971/U connector adapter which was previously covered by Signal Corps drawing SC-C-106728

Notice. When Government drawings specifications or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever, and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto

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