

INCH-POUND

MIL-DTL-27434/23B
22 May 2008
SUPERSEDING
MIL-A-27434/23A
14 March 1966

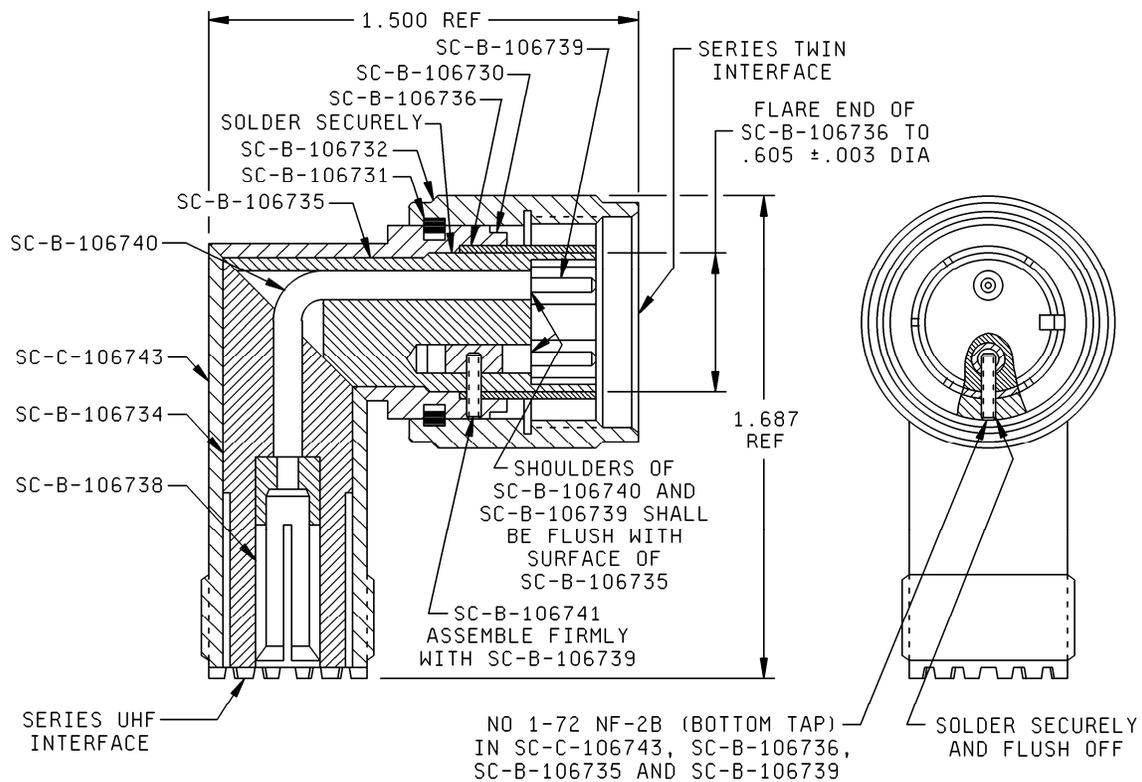
DETAIL SPECIFICATION SHEET

ADAPTER, CONNECTOR, COAXIAL, RADIOFREQUENCY,
BETWEEN SERIES, SERIES TWIN to SERIES UHF
TYPE UG-970/U

Inactive for new design after
19 February 1982

This specification is approved for use by all Departments
and Agencies of the Department of Defense

The requirements for acquiring the product described herein
shall consist of this specification sheet and MIL-DTL-27434.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.

Inches	mm
1.687	42.85
1.500	38.10
.605	15.37
.003	0.08

FIGURE 1. Type UG-970/U connector adapter.

AMSC N/A

FSC 5935

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ENGINEERING DATA:

Impedance: 50 ohms, nominal.

Frequency range: 0 to 200 MHz.

Voltage rating: 500 V rms, maximum at sea level.
125 V rms, maximum at 70,000 feet.

Temperature rating: -65° C to +165° C.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Mating characteristics: Series twin and series UHF socket contact shall be in accordance with MIL-DTL-27434 after assembly.

Dielectric withstanding voltage: Method 301 of MIL-STD-202, 1,500 V rms minimum, instantaneously applied at sea level.

Corrosion: Applicable.

Vibration: Applicable.

Shock: Applicable.

Part or Identifying Number (PIN): UG-970/U.

Supersession: This document supersedes Signal Corps Drawing SC-C-106729.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Referenced documents. In addition to MIL-DTL-27434, this document references the following:

MIL-STD-202	SC-B-106738
SC-B-106730	SC-B-106739
SC-B-106731	SC-B-106740
SC-B-106732	SC-B-106741
SC-B-106734	SC-B-106743
SC-D-106735	
SC-B-106736	

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CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - EC
Air Force - 85
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-2007-009)

Review activities:

Army – AR, CR4, MI
Navy – AS, MC, SH
Air Force – 19

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <http://assist.daps.dla.mil>.