

INCH-POUND

MIL-DTL-27434/36B
w/AMENDMENT 1
9 September 2022
SUPERSEDING
MIL-DTL-27434/36B
22 May 2008

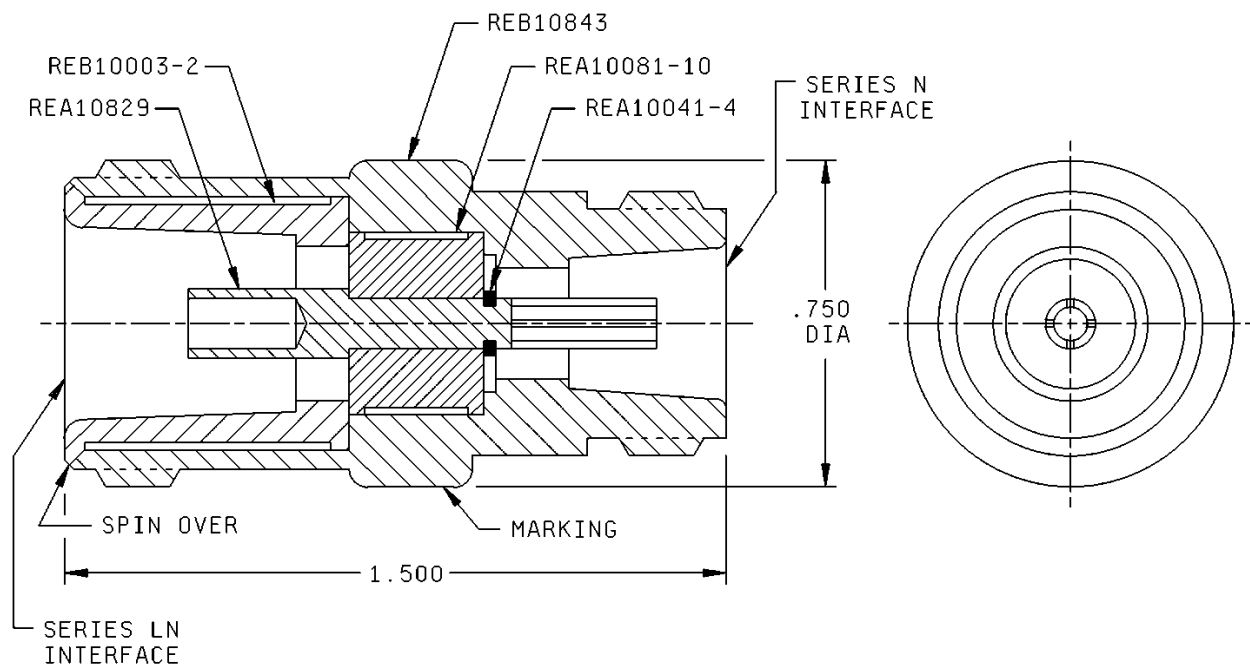
DETAIL SPECIFICATION SHEET

ADAPTER, CONNECTOR, COAXIAL, RADIOFREQUENCY,
BETWEEN SERIES, SERIES N TO SERIES LN
TYPE UG-108A/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. Unless otherwise specified dimensional tolerances are $\pm .005$ inches.

FIGURE 1. Type UG-108A/U connector adapter.



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ENGINEERING DATA:

Impedance: 50 ohms, nominal.

Voltage rating: 1,000 V rms, maximum at sea level.
250 V rms, maximum at 70,000 feet.

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

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Mating characteristics: Series N socket contact in accordance with MIL-STD-348, and series LN socket contact interface shall be in accordance with MIL-DTL-27434 after assembly.

Dielectric withstanding voltage: 2,500 V rms, maximum at sea level.

Corrosion: Applicable.

Vibration: Applicable.

Shock: Applicable.

Part or Identifying Number (PIN): UG-108A/U.

Supersession: This document supersedes drawing REB49277.

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

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

MIL-STD-348
REA10829
REB10843
REB49277

CONCLUDING MATERIAL

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

Preparing activity:
DLA - CC

(Project 5935-2022-100)

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 <https://assist.dla.mil>.