

INCH-POUND

MIL-DTL-27434/7A
w/AMENDMENT 1
31 July 2019
Superseding
MIL-DTL-27434/7A
9 January 2003

DETAIL SPECIFICATION SHEET

ADAPTER, CONNECTOR, COAXIAL, RADIOFREQUENCY,
BETWEEN SERIES, TYPE UG-218A/U
(SERIES HN TO LC)

**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 adapter described herein shall
consist of this document and the latest issue of MIL-DTL-27434.

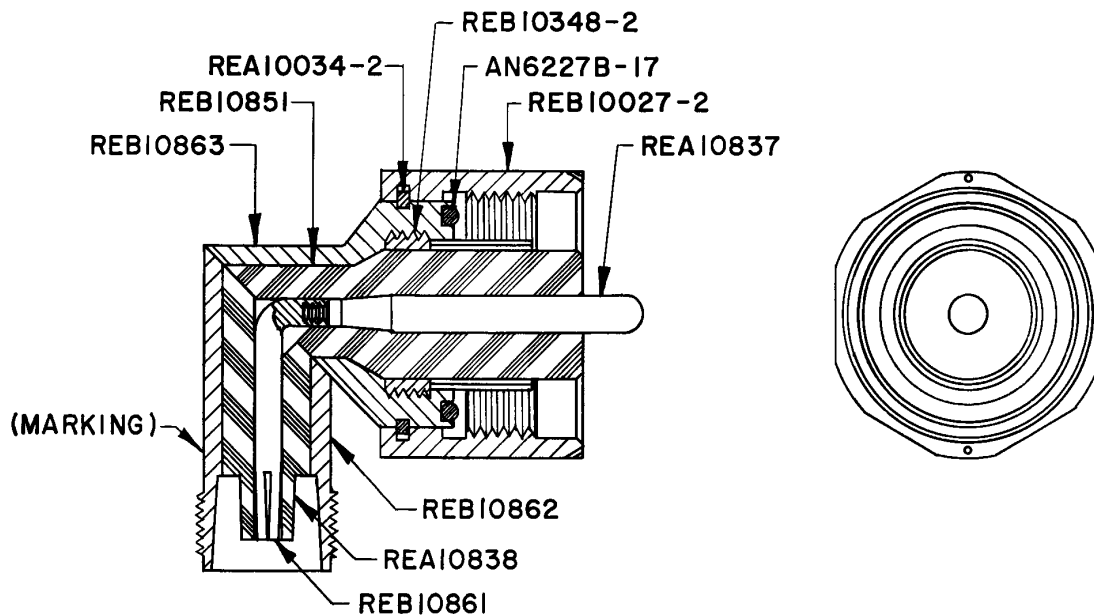
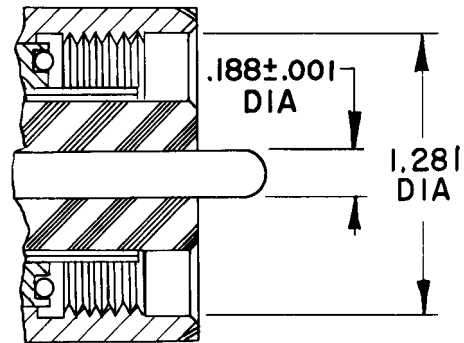


FIGURE 1. Type UG – 218A/U connector adapter.





Inches	mm
.001	0.02
.188	4.77
1.281	32.52

NOTES:

1. All dimensions are in inches.
2. Unless otherwise specified, tolerances are ± 0.005 inch.

FIGURE 2 Series LC Pin Contact Interface Dimensions.

Dimensions and configuration: In accordance with Figure 1 and the following drawings:

SAE-AS28775 – Packing, Preformed, Hydraulic, +275 DEG. F. ("O" RING)
REB10027 - Coupling Nut
REA10034 – Spring
REB10348 – Contact
REA10837 – Contact
REA10838 – Insulator
REB10851 – Insulator
REB10861 – Contact
REB10862 – Body
REB10863 - Body

Mating characteristics: Series HN interface shall be in accordance with MIL-STD-348. Series LC interface shall be in accordance with figure 2.

Dielectric withstanding voltage: The test voltage shall be 7,800 volts rms, applied at a rate of 500 volts per second, until the rated test voltage is reached.

Part or Identifying Number (PIN): UG-218A/U

Supersession: This document supersedes Navy drawing REB49275

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

CONCLUDING MATERIAL

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

Preparing activity:
DLA - CC
(Project 5935-2019-094)

Review activities:
Air Force – 99
Navy – SH

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>.