

INACTIVE FOR NEW DESIGN

INCH-POUND

MIL-DTL-27434/7A
9 January 2003
Superseding
MIL-A-27434/7
28 September 1960

DETAIL SPECIFICATION SHEET

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

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-A-27434.

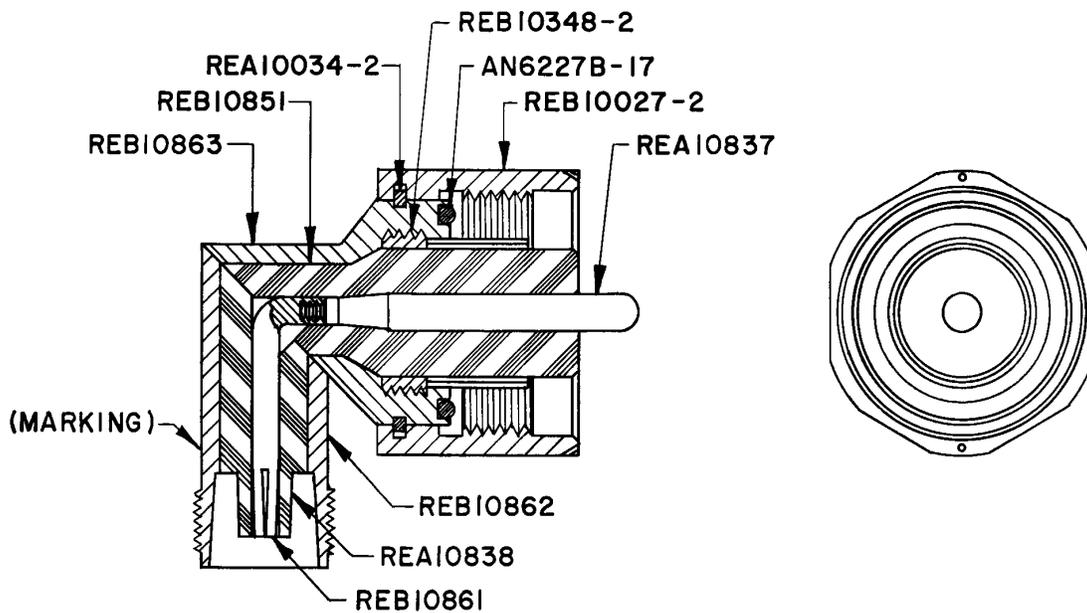
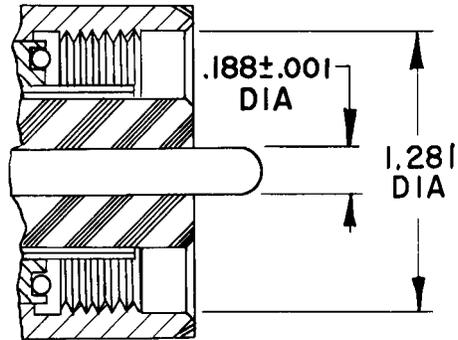


FIGURE 1. Type UG - 218A/U connector adapter.



Inches	millimeters
.001	0.02
.188	4.77
1.281	32.53

FIGURE 2 Series LC Pin Contact Interface Dimensions.

Notes:

1. All dimensions are in inches.
2. Unless otherwise specified, tolerances are +/- 0.005 inch.

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

CONCLUDING MATERIAL

Custodians:
Army – CR
Navy – EC
Air Force – 11
DLA – CC

Preparing activity:
DLA - CC

(Project 5935-4520-001)

Review activities:
Air Force – 99
Navy - SH