

INCH-POUND

MIL-DTL-27434/10B  
26 May 2009  
SUPERSEDING  
MIL-DTL-27434/10A  
30 October 2008

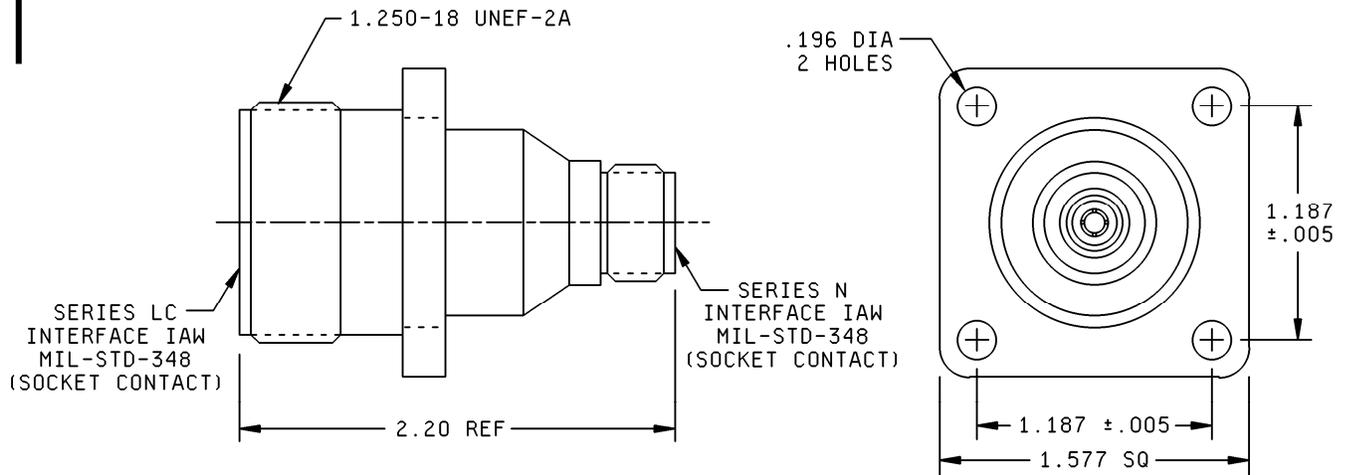
DETAIL SPECIFICATION SHEET

ADAPTER, CONNECTOR, COAXIAL, RADIOFREQUENCY,  
BETWEEN SERIES, SERIES LC, SOCKET CONTACT, TO SERIES N, SOCKET CONTACT,  
FLANGE MOUNT, TYPE UG-271A/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.



Inches	mm	Inches	mm
.005	0.13	1.187	30.15
.196	4.99	1.562	39.67

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified dimensional tolerances are  $\pm .005$  inches.

FIGURE 1. Type UG - 271 A/U connector adapter.

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ENGINEERING DATA:

Impedance: 50 ohms, nominal.

Voltage rating: 1,000 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: As specified on figure 1.

Mating characteristics: Series LC and series N interface shall be in accordance with MIL-STD-348.

Dielectric withstanding voltage: Method 301 of MIL-STD-202, 2,500 V rms minimum at sea level.

Corrosion: Applicable.

Vibration: Applicable.

Shock: Applicable.

Part or Identifying Number (PIN): UG-271A/U.

Supersession: This document supersedes Navy drawing REB49279.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. 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 and relationship to the last previous issue.

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

MIL-STD-202  
MIL-STD-348

CONCLUDING MATERIAL

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

Preparing activity:  
DLA - CC  
(Project 5935-2009-154)

Review activities:  
Navy - SH  
Air Force - 99

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>.