

INCH-POUND

MIL-DTL-27434/8A
22 May 2008
SUPERSEDING
MIL-A-27434/8
28 September 1960

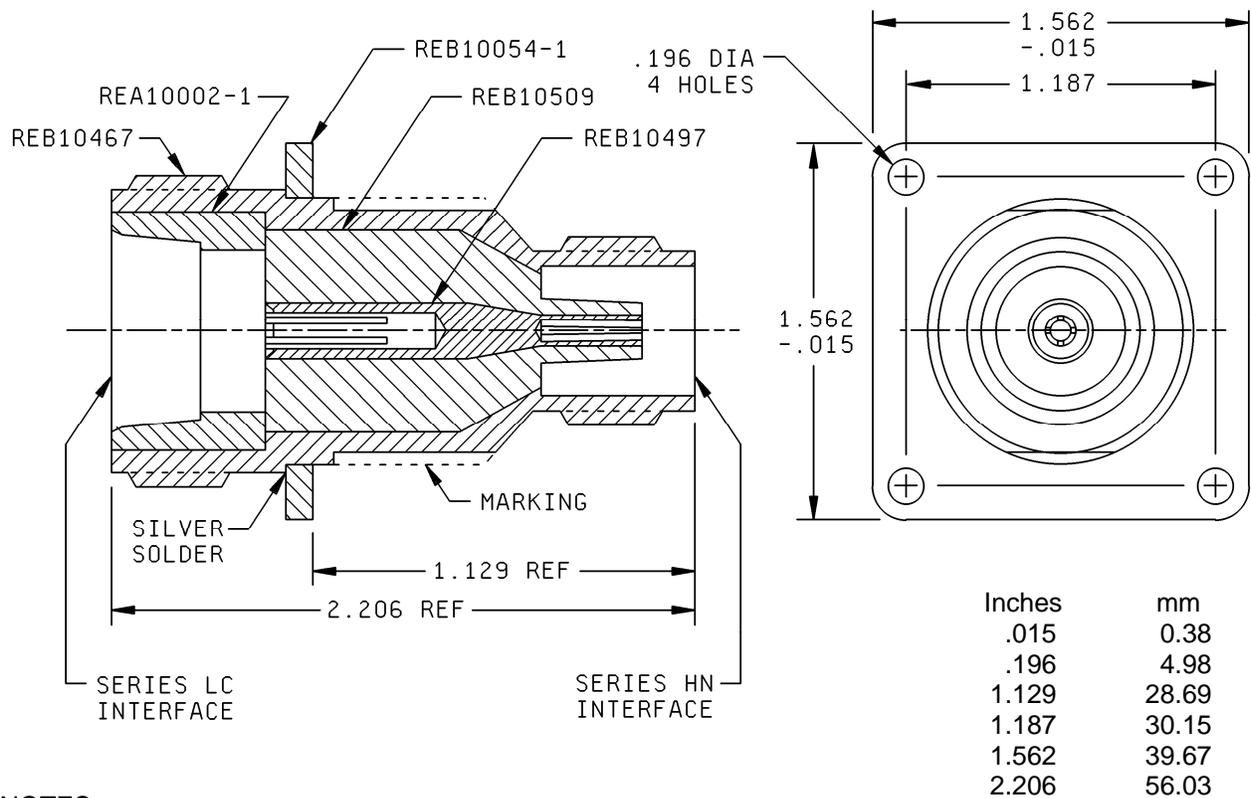
DETAIL SPECIFICATION SHEET

ADAPTER, CONNECTOR, COAXIAL, RADIOFREQUENCY,
BETWEEN SERIES, SERIES HN to SERIES LC
TYPE UG-259 A/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. All 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 - 259A/U connector adapter.

MIL-DTL-27434/8A

ENGINEERING DATA:

Impedance: 50 ohms, nominal.

Frequency range: 0 to 1 GHz.

Voltage rating: 1,500 V rms, maximum at sea level.
375 V rms, maximum at 70,000 feet.

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

REQUIREMENTS:

Dimensions and configuration: See figure 1.

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

Dielectric withstanding voltage: Method 301 of MIL-STD-202, 5,000 V rms minimum at sea level.

Corrosion: Applicable.

Vibration: Applicable.

Shock: Applicable.

Part or Identifying Number (PIN): UG-259 A/U.

Supersession: This document supersedes Navy drawing REB 49204.

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
MIL-STD-348
REB10467
REB10497
REB10509

MIL-DTL-27434/8A

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

(Project 5935-2007-003)

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>.