

INCH - POUND

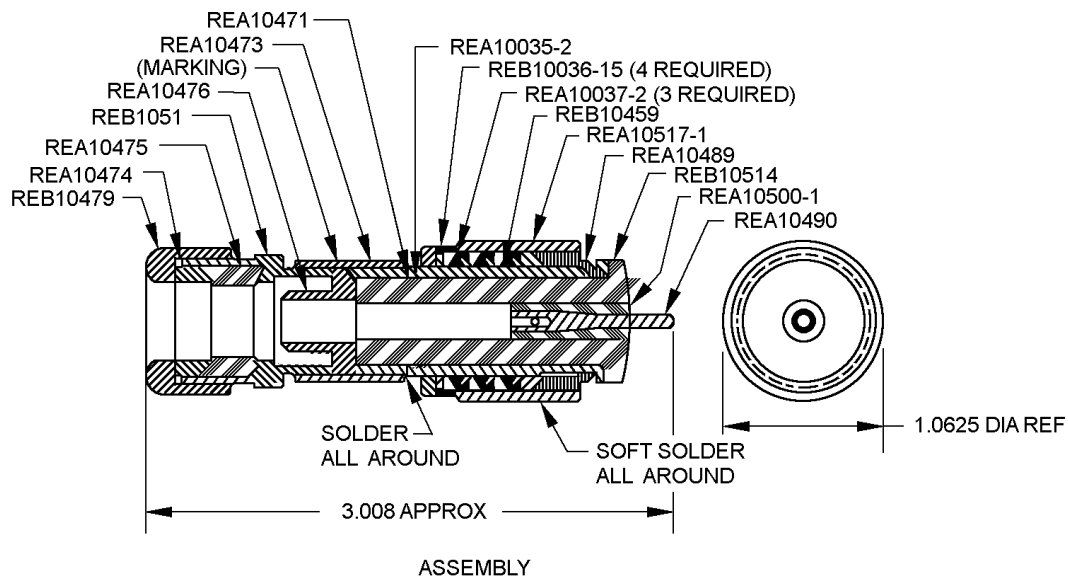
MIL-DTL-3607/7B
w/AMENDMENT 1
17 July 2019
SUPERSEDING
MIL-DTL-3607/7B
24 July 2013

DETAIL SPECIFICATION SHEET

CONNECTOR, PLUG, ELECTRICAL, SERIES PULSE, TYPE UG-180A/U

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-3607.



Inches	mm
1.0625	26.988
3.008	76.4032

NOTES:

1. Dimensions are in inches. Unless otherwise specified, tolerances are ± 0.005 on decimals.
2. Contacts, REA10489 and REA10490, shall have a silver plating of not less than 0.0002 inch thick. Spring, REA10035-2, and Collar, REA10471, shall not be plated. All other metal parts shall have a tin plating of not less than 0.0002 inch thick.

FIGURE 1. Type UG-180A/U electrical plug connector.



REQUIREMENTS

The electrical plug connector shall be of the design, construction, and physical dimensions specified on figure 1.

QUALITY ASSURANCE PROVISIONS

Sampling and inspection shall be in accordance with MIL-DTL-3607, and as specified herein.

Leakage: The leakage test is not applicable.

Dielectric withstanding voltage: The test voltage for the dielectric-withstanding-voltage-test shall be 9,000 volts, root mean square.

Part or Identifying Number (PIN): M3607/7-01

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. This document references MIL-DTL-3607.

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CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

Review activities:

Air Force - 99

(Project 5935-2019-080)

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>.