

**MILITARY SPECIFICATION**

**CONNECTOR, PLUG, ELECTRICAL, SERIES PULSE, TYPE UG-36/U**

This specification has been approved by the Department of Defense and is mandatory for use by the Departments of the Army, the Navy, and the Air Force.

**1. SCOPE**

1.1 This specification covers the detail requirements for type UG-36/U series pulse, electrical plug connector. The Military part number for type UG-36/U connector is M3607/2-01.

**2. APPLICABLE DOCUMENTS**

2.1 The following documents, of the issue in effect on date of invitation for bid or request for proposal, form a part of this specification to the extent specified herein.

**SPECIFICATION**

**MILITARY**

MIL-C-3607 - Connectors, Coaxial, Radiofrequency, Series Pulse, General Specification for.

**DRAWINGS**

**BUREAU OF SHIPS**

REA10013 - Cone.  
REB10036 - Washer.  
REB10078 - Coupling Nut.  
REB10464 - Body.  
REB10482 - Ring.  
REB10507 - Contact.  
REB10511 - Insulator.  
REB10520 - Coupling Nut.  
REB10523 - Ring  
REB10545 - Bushing.

~~(Copies of specifications, standards, drawings and publications required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)~~

**3. REQUIREMENTS**

3.1 Requirements.- Requirements shall be in accordance with MIL-C-3607, and as specified herein.

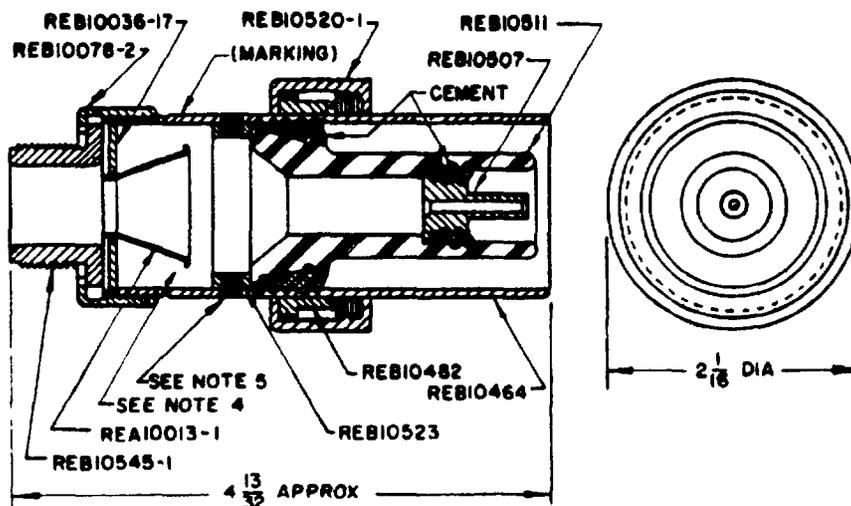
3.2 Design and construction.- The electrical plug connector shall be of the design, construction, and physical dimensions specified on figure 1.

**4. QUALITY ASSURANCE PROVISIONS**

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

4.2 Leakage. The leakage test is not applicable.

4.3 Dielectric withstanding voltage.- The test voltage for the dielectric-withstanding-voltage-test shall be 18,000 volts, root mean square.



ASSEMBLY

1. All dimensions in inches
2. Tolerances are  $\pm 1/64$  on fractions
3. Washer, REB1036-17, Cone, REA10013-1, and Contact, REB10507, shall have a silver plating of not less than 0.0002 inch thick. All other metal parts shall be nickel-plated
4. After assembling cable, fill void with insulating and sealing compound
5. This item is a #10-32 UNF-2A x 1/8 long, brass set screw with plain point, two required.

Figure 1 - Type UG-36/U electrical plug connector  
(Military Part No. M3607/2-01).

5. PREPARATION FOR DELIVERY

5.1 Preparation for delivery shall be in accordance with MIL-C-3607.

6. NOTES

6.1 Notes. In addition to the notes specified herein, the notes specified in MIL-C-3607 are applicable to this specification.

6.2 Intended use.- Electrical plug connector, type UG-36/U, is designed for use with radio frequency pulse cable RG-27/U.

6.3 This specification covers the design of electrical plug connector, type UG-36/U, which was previously covered by Drawing REB49207.

Custodians:

Army - EL  
Navy - Ships  
Air Force - ASD

Preparing Activity:

Navy - Ships  
(Project 5935-0928)