

## DETAIL SPECIFICATION

CONNECTOR, PLUG, ELECTRICAL UG-1870( )/U  
CONNECTOR, RECEPTACLE, ELECTRICAL UG-1837( )/U

This specification is approved for use by all Departments  
and Agencies of the Department of Defense.

## 1. SCOPE

1.1 Scope. This specification covers Connector, Receptacle, Electrical UG-1837()/U used on Test Set AN/PTM-7, Restorers TD-206 and on Shelters of Low, Medium and High Capacity, Tropo Subsystems of Army Area Communications Systems. The receptacle mates with Connector, Plug, Electrical UG-1870 ( )/U which terminates Cable Assemblies, Special Purpose, Electrical CX-11230 ( )/G and CX-10734 ( )/G. The connectors are hermaphroditic, twin coaxial and watertight. (See 6.3).

1.2 Part or Identifying Number (PIN). The PIN consists of the letter "M" followed by the basic specification number and the applicable "UG" designation.

M55661 - UG-XXXX( )/U

## 2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3 and 4 of this specification. This section does not include documents cited in other sections of this specification or recommended for additional information or as examples. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements cited in sections 3 and 4 of this specification, whether or not they are listed.

2.2 Government documents.

2.2.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Commander, Defense Supply Center Columbus, Attn: VAI, 3990 East Broad Street, Columbus, Ohio, 43216-5000 by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

## SPECIFICATIONS

### DEPARTMENT OF DEFENSE

MIL-F-14072 - Finish for Ground Signal Equipment.

## STANDARDS

### DEPARTMENT OF DEFENSE

MIL-STD-129 - Marking for Shipment and Storage.  
MIL-STD-130 - Identification Marking of U.S. Property  
MIL-STD-202 - Test Methods for Electronic and Electrical Component Parts.  
MIL-STD-2073-1 - Standard Practice for Military Packaging

## HANDBOOKS

### DEPARTMENT OF DEFENSE

MIL-HDBK-454 - General Guidelines for Electronic Equipment.

(Unless otherwise indicated, copies of the above specifications, standards and handbooks are available from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.2.2 Other Government documents, drawings, and publications. The following other Government documents, drawings, and publications form a part of this specification to the extent specified herein. Unless otherwise specified, the issues are those cited in the solicitation.

GL-SM-B-323070 - Gages for Connector UG-1837( )/U.  
SC-GL-323378 - Gages for Connector UG-1870( )/U.  
DL-SC-A-339550 - Connector, Plug, Electrical UG-1870 ( )/U.  
DL-SC-B-598923 - Connector, Receptacle, Electrical UG-1837( )/U.

(Unless otherwise indicated, copies of the above specifications, standards, and handbooks are available from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

## 3. REQUIREMENTS

3.1 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3.2 First article. When specified in the contract, the contractor shall furnish first article units in accordance with 4.3.

3.2.1 Construction. Connector, receptacle, Electrical UG-1837 ( )/U shall be constructed in accordance with the requirements of this specification, and of DL-SC-B-598923 and Connector, Plug Electrical UG-1870 ( )/U shall be constructed in accordance with the requirements of this specification, and of DL-SC-A-339550.

3.3 Cast and molded parts.

3.3.1  Casting. Castings shall be of uniform quality and condition, and free from cracks, harmful shrinkage, porosity, gas holes, foreign matter, and other injurious defects. The surface of the castings shall be free from pits, parting lines, porous areas, fins, ridges, modules, raised metal, and scales. All castings shall be completely cleaned prior to presentation for inspection. Castings shall not be plugged or welded, nor shall imperfections be filled in.

3.3.2  Molded parts. Molded parts shall be uniform in quality, condition, and color. The molded parts shall be clean, smooth, free from porous areas, foreign materials, weak sections, bubbles, flash and any other injurious defects.

3.4  Soldering. Soldering used for electrical connections shall conform to requirement 5 of MIL-HDBK-454.

3.5  Cleaning.

3.5.1  Parts. After fabrication, parts shall be cleaned in accordance with good commercial practice. Cleaning processes shall have no deleterious effect. Corrosive material shall be removed completely before the parts are assembled.

3.5.2  Units. After assembly, units shall be cleaned thoroughly and shall be free from particles of solder, flux, and other foreign material. In addition, when necessary, such cleaning shall also be performed before final assembly of the units.

3.6  Finish. Connectors shall be given protective finish in accordance with MIL-F-14072 and connector drawings (see 4.4).

3.7  Marking. Connector and associated fittings shall be permanently and legibly marked in accordance with the general requirements of MIL-STD-130 and the connector drawings with the Military PIN (see paragraph 1.2), manufacturer's CAGE code and final assembly date code. The marking location is optional. When practicable, a location should be picked that will least likely be covered in cable assembly or installation. This will be required marking on all connectors 12 months from the date of this specification. Existing stock marked in the previous manner with the UG number is acceptable for Government use until stock is purged.

3.8  Interchangeability. Like units and assemblies shall be physically and functionally interchangeable, without modification of such items. Individual items shall not be handpicked for fit or performance. Where a listed dimension is not within design limits, it shall be considered a major defect (see 4.8).

3.9  Electrical requirements.

3.9.1  Continuity. Continuity shall exist between each mated pair of contacts (see 4.6.1).

3.9.2  Dielectric withstanding voltage.

3.9.2.1  Coaxial contacts. Each coaxial contact shall withstand a potential of 2,500 volts dc between the center contact and the outer contact for 1 minute when tested in accordance with 4.6.2.

3.9.2.2  Outer contacts. The outer contacts of the coaxial elements shall withstand a potential of 1,500 volts dc for 1 minute when tested in accordance with 4.6.2.

3.9.3 Insulation resistance (IR). Insulation resistance shall be not less than 50,000 megohms between the center and outer contacts of each coaxial element and between the outer contacts of the coaxial elements when tested in accordance with 4.6.3.

3.10 Environmental requirements.

3.10.1 Rotation. The torque required to rotate the coupler shall not exceed 0.75 inch-pounds when tested in accordance with 4.7.1.

3.10.2 Salt spray. After subjection to the test specified in 4.7.2, the plating shall remain intact and the connectors shall show no evidence of deterioration and in addition Connector UG-1870( )/U shall meet the requirements of 3.10.1.

3.10.3 Thermal shock. The connectors shall meet the requirements of 3.9.1, 3.9.2 and 3.9.3 after being subjected to the test specified in 4.7.3. There shall be no evidence if deterioration.

3.10.4 Shock. The connectors shall withstand the shock test specified in 4.7.4 without damage or loosening of parts and shall meet the requirements of 3.9.1, 3.9.2 and 3.9.3.

3.10.5 Shock drop. After being subjected to the test specified in 4.7.5, there shall be no damage and/or loosening of parts and the connectors shall be mechanically operable. Any physical damage shall be minor and shall meet the requirements of 3.9.1, 3.9.2 and 3.9.3.

3.10.6 Vibration. The connectors shall withstand the vibration test specified in 4.7.6 without damage or loosening of parts and meet the requirements of 3.9.1, 3.9.2 and 3.9.3.

3.10.7 Pull. While being subjected to the test specified in 4.7.7, there shall be no loss of continuity of either center conductor or conductor braid. The cable and the connectors shall also meet the requirements of 3.9.1, 3.9.2 and 3.9.3. Locking devices shall not become detached from the connectors.

3.10.8 Water immersion. There shall be no deterioration or evidence of water leakage in the connector and the connector shall meet the requirements of 3.9.1, 3.9.2 and 3.9.3 (see 4.7.8).

3.10.9 Moisture resistance. After being subjected to the test specified in 4.7.9, the assemblies shall meet the requirements of 3.9.1, 3.9.2 and 3.9.3 except that the IR shall be a minimum of 100 megohms during cycling and a minimum of 10,000 megohms after 24 hours drying. The connectors shall show no evidence of deterioration.

3.10.10 Temperature cycling. During the test specified in 4.7.10, the connectors shall be electrically continuous and meet the requirements of 3.9.1, 3.9.2 and 3.9.3 and shall show no evidence of deterioration.

3.11 Workmanship. The connectors shall meet the applicable portions of the following (see 4.9):

- a. Cast and molded parts (see 3.3).
- b. Soldering (see 3.4).
- c. Cleaning (see 3.5).

4. VERIFICATION

4.1 Responsibility for inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.2 Classification of inspection. The inspection requirements specified herein are classified as follows:

- a. First article inspection. Does not include preparation for delivery (see 4.3).
- b. Inspections covered by subsidiary documents (see 4.4).
- c. Conformance inspections.
  - (1) Conformance inspection of equipment before preparation for delivery (see 4.5).
  - (2) Conformance inspection of preparation for delivery (see 4.10).

4.3 First article. Unless otherwise specified in the contract, the first article inspection shall be performed by the contractor.

4.3.1 First article units. The contractor shall furnish twelve (12) first article units of the complete UG-1870 ( )/U and /or UG-1837( )/U connector(s).

4.3.2 First article inspection. The first article inspection shall consist the inspections specified in subsidiary documents covering the items listed in 4.4 and the inspections specified in table I.

4.3.3 First article data. The first article test plan and test report(s) shall be as required in the contract.

TABLE I. First article inspection.

Inspection	Requirement paragraph	Test paragraph	Number of units to be tested
Inspection covered by subsidiary documents		4.4	Inspection to be performed on all units
Group A inspection	See table II		Inspection to be performed on all units
Group B inspection	See table III		Inspection to be performed on all units
Group C inspection			
Subgroup 1	See table IV		Inspection to be performed as specified in test paragraphs
Subgroup 2	See table IV		Inspection to be performed as specified in test paragraphs

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4.4 Inspection covered by subsidiary documents. The following shall be inspected under the applicable subsidiary documents as part of the inspection required by this specification and the inspection requirement specified in the contract.

<u>Item</u>	<u>Where required</u>
Finish	3.6
Marking	3.7

4.5 Conformance Inspection.

4.5.1 Inspection of product for delivery. Inspection of product for delivery shall consist of Groups A and B inspection.

4.5.1.1 Inspection lot. An inspection lot shall consist of all connectors of the same part number produced under essentially the same conditions, and offered for inspection at one time.

4.5.1.2 Group A inspection. Group A inspection shall consist of the inspections specified in table II in the order shown.

4.5.1.2.1 Sampling plan (Group A). Table II tests shall be performed on a production lot basis. Samples shall be selected in accordance with Table IIa. If one or more defects are found, the lot shall be screened for that particular defect and defects removed. A new sample of parts shall be selected in accordance with Table IIa and all Group A tests again performed. If one or more defects are found in the second sample, the lot shall be rejected and shall not be supplied to this specification.

4.5.1.2.2 Visual inspection (Group A inspection). Each connector shall be visually examined for completeness, workmanship, and identification requirements. Attention shall be given to those assemblies that require a gasket to determine the condition of the gasket. Gaskets missing, twisted, buckled, kinked, or damaged in any way shall be cause for rejection.

TABLE II. Group A inspection.

Inspection	Requirement paragraph	Inspection paragraph
Visual and mechanical	3.11	4.9
Continuity	3.9.1	4.6.1
Dielectric withstanding voltage	3.9.2	4.6.2
Insulation resistance	3.9.3	4.6.3

NOTE: All electrical tests are considered major.

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Table IIa. Inspection level.

Lot size	Visual and mechanical inspection	
	Major	Minor <u>1/</u>
1 to 8	all	5
9 to 15	all	5
16 to 25	20	5
26 to 50	20	5
51 to 90	20	7
91 to 150	20	11
151 to 280	20	13
281 to 500	47	16
501 to 1,200	47	19
1,201 to 3,200	53	23
3,201 to 10,000	68	29
10,001 to 35,000	77	35
35,001 to 150,000	96	40
150,001 to 500,000	119	40
500,001 to over	143	40

1/ Samples may be pulled from either the production lot itself or from samples pulled from the lot for major defect testing.

NOTES:

1. Major defect: A major defect is a defect, other than critical, that is likely to result in failure, or to reduce materially the usability of the unit of product for its intended purpose.
2. Minor defect: A minor defect is a defect that is not likely to reduce materially the usability of the unit of product for its intended purpose, or is a departure from established standards having little bearing on the effective use or operation of the unit.

4.5.1.3 Group B inspection. Group B inspection shall consist of the inspections specified in table III in the order shown, and shall be made on sample units which have been subjected to and passed the Group A inspection. Connectors having identical piece parts may be combined for lot purposes and shall be in proportion to the quantity of each PIN numbered connector produced.

4.5.1.3.1 Group B sampling plan. A sample of parts shall be randomly selected in accordance with table IIIa. If one or more defects are found, the lot shall be screened for that particular defect and defects removed. After screening and removal of defects, a new sample of parts shall be randomly selected and subjected to all tests in accordance with table IIIa. If one or more defects are found in the second sample, the lot shall be rejected and shall not be supplied to this specification.

4.5.1.3.2 Disposition of sample units. Sample units which have passed all the Group B inspection may be delivered on the contract or purchase order if the lot is accepted. Any connector deformed or otherwise damaged during testing shall not be delivered on the contract or order.

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TABLE III. Group B inspection.

Inspection	Requirement paragraph	Inspection paragraph
Interchangeability	3.8	4.8
Rotation (connector plug only)	3.10.1	4.7.1
Pull (connector plug only)	3.10.7	4.7.7
Water immersion	3.10.8	4.7.8

Table IIIa. Inspection level.

Lot size	Sample size
1 to 8	5
9 to 15	5
16 to 25	5
26 to 50	5
51 to 90	5
91 to 150	11
151 to 280	13
281 to 500	16
501 to 1,200	19
1,201 to 3,200	23
3,201 to 10,000	29
10,001 to 35,000	35
35,001 to 150,000	40
150,001 to 500,000	40
500,001 to over	40

4.5.1.4 Periodic inspection. Periodic inspection shall consist of Group C. Except where the results of these inspections show noncompliance with the applicable requirements, delivery of products which have passed Groups A and B shall not be delayed pending the results of these periodic inspections.

4.5.1.5 Group C inspection. Group C inspection shall consist of the inspections specified in Table IV. Group C inspection shall be made on sample units selected from inspection lots which have passed the Group A and B inspection.

4.5.1.5.1 Sampling for group C inspection.

4.5.1.5.1.1 Subgroup 1. For this subgroup, four (4) connectors shall be selected from the first units produced or first production lot. For subsequent group C inspection, four (4) connectors shall be selected every 3 months or 1,500 units, whichever comes first.

4.5.1.5.1.2 Subgroup 2. For this subgroup, two (2) connectors shall be selected from the first production lot. For subsequent group C inspection two (2) connectors shall be selected every 6 months or every 6,000 units whichever comes first.

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4.5.1.5.1.3 Order of inspection within group C. Group C inspection shall be performed in an order which is satisfactory to the Government.

TABLE IV. Group C inspection.

Inspection	Requirement paragraph	Inspection paragraph
Subgroup 1		
Salt spray (see note)	3.10.2	4.7.2
Thermal shock	3.10.3	4.7.3
Shock (connector plug only)	3.10.4	4.7.4
Shock drop (connector plug only)	3.10.5	4.7.5
Vibration	3.10.6	4.7.6
Subgroup 2		
Moisture resistance	3.10.9	4.7.9
Temperature cycling	3.10.10	4.7.10

NOTE: The equipment shall be thoroughly washed, cleaned, dried and refurbished after this specification before proceeding with subsequent inspection.

4.5.1.5.2 Noncompliance. If one or more sample units fails to pass Group C inspection, the lot shall be considered to have failed. If a sample fails to pass Group C inspection, the manufacturer shall notify the Contracting Officer and the cognizant inspection activity of such failure and take corrective action on the materials pr processes, or both, as warranted, and on all units of product which can be corrected and which are manufactured under essentially the same materials and processes, and which are considered subjected to the same failure. Acceptance and shipment of product shall be discontinued until corrective action, acceptable to the Contracting Officer has been taken. After the corrective action has been taken, Group C inspection shall be repeated on additional sample units (all tests and examinations, or the test which the original sample failed, at the option of the Contracting Officer). Groups A and B inspections may be re-instituted; however, final acceptance and shipment shall be withheld until the Group C inspection has shown that the corrective action was successful. In the event of failure after re-inspection, information concerning the failure shall be furnished to the cognizant activity and the Contracting Officer.

4.5.1.5.3 Re-inspection of conforming Group C sample units. Unless otherwise specified, sample units which have been subjected to and passed Group C inspection may be accepted on the contract provided all damage is repaired and the sample units are re-subjected to and pass Group A inspection.

4.5.1.5.4 Disposition of group C sample units. Unless otherwise specified, sample units which have been subjected to and passed group C inspection may be delivered in the contract, provided sample units meet requirements of 4.5.1.5.3.

4.6 Electrical tests.

4.6.1 Continuity. The connector under test shall be mated to a Connector, Plug, Electrical UG-1870( )/U containing a contact assembly from current production, to determine compliance with the requirements specified in 3.9.1.

4.6.2 Dielectric withstanding voltage. This test shall be conducted in accordance with MIL-STD-202, method 301 to determine compliance with 3.9.2.

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4.6.3 Insulation resistance. This test shall be conducted in accordance with MIL-STD-202, method 302, test condition B to determine compliance with 3.9.3.

### 4.7 Environmental tests.

4.7.1 Rotation. A torque shall be applied to the coupler of Connector UG-1870( )/U. The torque shall be measured with a torque wrench to determine conformance to 3.10.1.

4.7.2 Salt spray. Four unmated connectors not assembled to cable shall be subjected to the salt spray (corrosion) test in accordance with MIL-STD-202, method 101, condition B, and meet the requirements of 3.10.2.

4.7.3 Thermal shock. Four connectors each wired to 5 feet of Cable WD-37( )/U shall be tested in accordance with MIL-STD-202, method 107, test condition A. The minimum time exposure to steps 1 and 3 shall be 1 hour after thermal equilibrium has been established. After completion of the fifth cycle, the connector shall meet the requirements of 3.10.3.

4.7.4 Shock. Four coupled Connectors UG-1870( )/U, each wired to 5 feet of Cable WD-37( )/U shall be tested in accordance with MIL-STD-202, method 205, test condition C, or method 202 at equivalent acceleration to determine compliance with the requirements of 3.10.4.

4.7.5 Shock drop. Four unmated Connectors UG-1870( )/U, each wired to 5 feet of Cable WD-37( )/U shall be dropped at random six (6) times with protective caps coupled to the connectors, and six (6) times with protective caps dangling from a height of 10 feet onto 2 inch fir wood backed by concrete to determine conformance to the requirements of 3.10.5. The connectors shall be visually examined and the caps tightened after each drop.

4.7.6 Vibration. Four connectors each wired to 5 feet of Cable WD-37( )/U shall be tested in accordance with MIL-STD-202, method 204, test condition A and meet the requirements of 3.10.6. Plugs shall be mated and mounted to the vibration table. Receptacles shall be mounted using connector components.

4.7.7 Pull. Connectors UG-1870( )/U shall be wired to 5 feet of Cable WD-37( )/U. A static load of 400 pounds shall be applied gradually to the assemblies mated, and approximately 2 feet of cable on each assembly. The load shall be applied for a duration sufficient to complete the tests and meet the requirements specified in 3.10.7.

4.7.8 Water immersion. The connectors wired to 5 feet of Cable WD-37( )/U shall be immersed to a depth of 3 feet of water for 16 hours to determine compliance with the requirements of 3.10.8. Fifty percent of the connectors shall be mated, twenty-five percent shall be with protective cover in place, and twenty-five percent shall be without protective cover. When the sample size is not a multiple of four (4), the odd connector(s) shall be tested with protective cover(s) in place. The receptacle shall be mounted to a metal waterproof box, not less than 1/8 inch thick, using the mounting nut. The hole where the cable enters the box shall be sealed.

4.7.9 Moisture resistance. Two connectors wired to 5 feet of Cable WD-37 ( )/U shall meet the requirements of 3.10.9 after subjection to 10 cycles of moisture resistance in accordance with MIL-STD-202, method 106, except that the vibration sub-cycle shall be omitted. Measurements shall be made during the periods shown on the standard. The receptacle shall be mounted to a metal waterproof box, not less than 1/8 inch thick, using the mounting nut. The hole where the cable enters the box shall be sealed.

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4.7.10 Temperature cycling. Two connectors wired to 5 feet of Cable WD-37 ( )/U shall meet the requirements of 3.10.10, during the temperature listed in table V.

TABLE V. Temperature cycle.

Step	Temperature (°C)	Time (hours)
1	85 ±2	4
2	25 +10, -5	4
3	-55 ±2	4
4	25 +10, -5	4

4.8 Interchangeability. The connectors shall be gaged using gages listed on SC-GL-323378 and GL-SM-B-323070 to determine conformance to the physical interchangeability requirements of 3.8.

4.9 Visual and mechanical inspection. Connector, Receptacle, Electrical UG-1837( )/U and Connector, Plug, Electrical UG-1870( )/U shall be examined for defects listed in table VI and meet the requirements of 3.11.

TABLE VI. Classification of visual and mechanical defects.

Classification	Defects
Major	Threads chipped, broken or stripped. Rubber parts cut or ripped Coupler not operating freely. Substandard plating. (flaking, peeling, blisters, etc.). Contacts missing, broken or bent. Scratches, cuts abrasions, etc., with exposure of bare metal. Any foreign objects or material preventing the mating of connector. Finish not as specified. Insulators cracked or broken.
Minor	Missing parts. Scratches, cuts, abrasions, etc., without exposure of bare metal. Abrasions on rubber parts.

4.10 Conformance inspection of preparation for delivery. Preparation for delivery shall be in accordance with the requirements of section 5.

## 5. PACKAGING

5.1 Packaging requirements. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of material is to be performed by DoD personnel, these personnel need to contact the responsible packaging activity to ascertain requisite packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activity within the Military department or Defense Agency, or within the Military Department's System Command. Packaging data retrieval is available from the managing Military Department's or Defense Agency's automated packaging files, CD-ROM products, or by contacting the responsible packaging activity.

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. Connectors, Receptacle, Electrical UG-1837( )/U is used on Test Set AN/PTM-7, Restorers TD-206 and on shelters to mate with Connector UG-1870( )/U which terminate Cable Assemblies CX-11230( )/G and CX-10734( )/G.

6.2 Acquisition requirements. Acquisition documents must specify the following:

- a. Title, number, and date of this specification.
- b. Issue of DoDISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.1).
- c. Packaging requirements (see 5.1). Level of packaging and level of packing required for shipment. (Level A, B, or C).
- d. Place of final inspection.
- e. Type required.

6.3 Nomenclature. The parentheses in the nomenclature will be deleted or replaced by a letter identifying the particular design; for example, UG-1837W/U. The contractor should apply for nomenclature in accordance with the applicable clause in the contract.

6.4 Group C inspection. Approval to ship may be withheld, at the discretion of the Government, pending the decision from the contracting officer on the adequacy of corrective action (see 4.5.1.5.2.).

6.5 Subject term (key word) listing.

Interchangeability  
Environmental

6.6 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extensiveness of the changes.

CONCLUDING MATERIAL

Custodians:  
Army - CR  
Air Force – 11  
DLA – CC

Preparing activity:  
DLA - CC  
(Project 5935-4432-000)

**STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL**

**INSTRUCTIONS**

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7, and send to preparing activity.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

<b>I RECOMMEND A CHANGE:</b>	1. <b>DOCUMENT NUMBER</b> MIL-DTL-55661C	2. <b>DOCUMENT DATE</b> (YYYYMMDD) 2002/12/6
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**3. DOCUMENT TITLE**  
Connector, Plug, Electrical UG-1870( )/U Connector, Receptacle, Electrical UG-1837( )/U.

**4. NATURE OF CHANGE** *(Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)*

**5. REASON FOR RECOMMENDATION**

**6. SUBMITTER**

a. NAME <i>(Last, First, Middle Initial)</i>		b. ORGANIZATION	
c. ADDRESS <i>(Include zip code)</i>	d. TELEPHONE <i>(Include Area Code)</i> (1) Commercial (2) DSN <i>(if applicable)</i>	7. DATE SUBMITTED (YYYYMMDD)	

**8. PREPARING ACTIVITY**

a. NAME Defense Logistics Agency Defense Supply Center, Columbus	b. TELEPHONE <i>(Include Area Code)</i> (1) Commercial 614-692-0538 (2) DSN 850-0538
c. ADDRESS <i>(Include Zip Code)</i> DSCC-VAI P.O. Box 3990 Columbus, Ohio 43216-5000	<b>IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:</b> Defense Standardization Program Office (DLSC-LM) 8725 John J. Kingman Road, Suite 2533 Fort Belvoir, Virginia 22060-6621 Telephone (703) 767-6888 DSN 427-6888