

DETAIL SPECIFICATION

CONNECTORS, COAXIAL, RADIOFREQUENCY, SERIES FOR PULSE,
GENERAL SPECIFICATION FOR

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

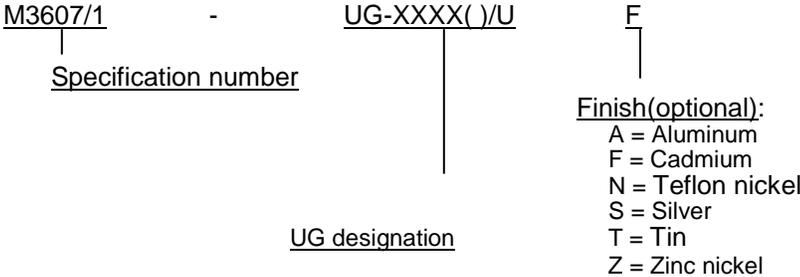
1. SCOPE

1.1 Scope. This specification covers the general requirements for weatherproof, high-voltage, series pulse, radiofrequency coaxial connectors (see 6.1 and 6.3).

1.2 Classification.

1.3 Type designation. The type designation of connectors is derived from the AN nomenclature system specified in MIL-STD-196, and will be as specified (see 3.1 and 6.2).

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



2. APPLICABLE DOCUMENTS

2.1 General. The documents listed in this section are specified in sections 3, 4, or 5 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 of documents cited in sections 3, 4, or 5 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 cited in the solicitation or contract.

Comments, suggestions, or questions on this document should be addressed to: Defense Supply Center, Columbus, Attn: VAI, P.O. Box 3990, Columbus, OH 43218-3990, or emailed to RFConnector@dla.mil. Since contact information can change you may want to verify the currency of this address information using the ASSIST Online database at <http://assist.daps.dla.mil>.

FEDERAL SPECIFICATIONS

- A-A-59588 - Rubber, Silicone.
- O-F-499 - Flux, Low Melting Point Silver Alloy Brasing.
- QQ-B-654 - Brazing Alloys, Silver.
- QQ-L-201 - Lead; Sheet.

FEDERAL STANDARD

- FED-STD-H28 - Screw-Threaded Standards For Federal Services.

DEPARTMENT OF DEFENSE SPECIFICATIONS

- MIL-DTL-83488 - Coating, Aluminum, High Purity
- MIL-PRF-15624 - Rubber Sheets; and Cut, Molded and Extruded Special Shaped Section – Synthetic, Medium Soft, Shipboard Gasket Use Except Low Temperature Application.

(See supplement 1 for list of specification sheets.)

DEPARTMENT OF DEFENSE STANDARDS

- MIL-STD-130 - Identification Marking of U. S. Military Property.
- MIL-STD-196 - Joint Electronics Type Designation System.
- MIL-STD-202 - Test Methods for Electronic and Electrical Component parts.

(Copies of these documents are available online at <http://assist.daps.dla.mil/quicksearch/> or from the Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094.)

2.3 Non-Government publications. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those cited in the solicitation or contract.

ASTM INTERNATIONAL

- ASTM - B30 - Copper Alloys in Ingot Form.
- ASTM - B36/ B36M - Brass Plate, Sheet, Strip and Rolled Bar.
- ASTM - B121/B121M - Leaded Brass Plate, Sheet, Strip and Rolled Bar.
- ASTM - B124/B124M - Copper and Copper Alloy Forging Rod, Bar and Shapes.
- ASTM - B139/B139M - Phosphor Bronze Rod, Bar and Shapes.
- ASTM - B194 - Copper Beryllium Alloy Plate, Sheet, Strip and Rolled Bar.
- ASTM - B196/B196M - Copper Beryllium Alloy Rod and Bar.
- ASTM - B197/B197M - Copper Beryllium Alloy Wire.
- ASTM - B339 - Pig Tin
- ASTM - B545 - Tin, Electrodeposited Coatings of.
- ASTM - B700 - Electrodeposited Coatings of Silver for Engineering Uses.
- ASTM - B841 - Standard Specification for Electrodeposited Coatings of Zinc Nickel Alloy Deposits

(Applications for copies should be addressed to the American Society For Testing And Materials, 100 Barr Harbor Dr., West Conshohocken, PA 19428.)

INSTITUTE FOR INTERCONNECTING AND PACKAGING ELECTRONIC CIRCUITS

- J-STD-004 – Soldering Fluxes, Requirements For
- J-STD-005 – Soldering Pastes, Requirements For
- J-STD-006 – Electronic Grade Solder Alloys and Fluxed and Non-Fluxed Solid Solders For Electronic Soldering Applications, Requirements For

(Applications for copies should be addressed to the institute for Interconnecting and Packaging Electronic Circuits, 2215 Sanders Road, Northbrook, IL 60062-6135.)

SAE International

- SAE-AS8660 - Silicone Compound NATO Code Number S-736.
- SAE-AMS-QQ-P-416 - Plating, Cadmium (Electrodeposited).

(Applications for copies should be addressed to the SAE International, 400 Commonwealth Drive, Warrendale PA, 15086-7511.)

2.4 Order of precedence. Unless otherwise noted herein or in the contract, in the event of a conflict between the text of this document and the references cited herein (except for related specification sheets), 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. REQUIREMENTS

3.1 Specification sheets. The individual item requirements shall be as specified herein and in accordance with the applicable specification sheet. In the event of any conflict between the requirements of this specification and the specification sheet, the latter shall govern.

3.2 Material. The material shall be as specified herein (see 3.1). However, when a definite material is not specified, a material shall be used which will enable the connectors to meet the performance requirements of this specification. Acceptance or approval of any constituent material shall not be construed as a guaranty of the acceptance of the finished product.

3.2.1 Brass. Brass shall conform ASTM-B36/ B36M, or ASTM-B121/B121M, as applicable.

3.2.2 Ceramic. Unless otherwise specified (see 3.1), parts made of ceramic shall be glazed.

3.2.3 Copper-alloy ingots. Copper-alloy ingots shall conform to ASTM-B30.

3.2.4 Copper-beryllium. Copper beryllium shall conform to ASTM-B194, ASTM-B196/ B196M or ASTM-B197/ B197M. After machining and forming, parts fabricated of copper beryllium shall be heat-treated to condition HT.

3.2.5 Insulating and sealing compound. Insulating and sealing compound shall conform to SAE-AS8660.

3.2.6 Lead. Lead shall conform to grade B of QQ-L-201.

3.2.7 Phosphor bronze. Phosphor bronze shall conform to composition A of ASTM-B139/ B139M.

3.2.8 Plating. Metal parts shall be of a corrosion resistant material or be protected to meet the performance requirements of this specification. The type of finish shall be as follows:

3.2.8.1 Cadmium - F. Cadmium plating in accordance with SAE-AMS-QQ-P-416.

3.2.8.2 Aluminum - A. Pure dense electrodeposited aluminum plating in accordance with MIL-DTL-83488. Color shall be non-reflective.

3.2.8.3 Zinc-nickel - Z. Zinc-nickel alloy plating in accordance with ASTM B841. Color shall be black, non-reflective.

3.2.8.4 Nickel fluorocarbon polymer (Teflon nickel) - N. Nickel with fluorocarbon polymer additives over a suitable underplate. Color shall be non-reflective.

3.2.8.5 Silver - S. Silver plating shall conform to ASTM-B700.

3.2.8.6 Tin - T. Tin plating shall conform ASTM-B339 or ASTM-B545.

3.2.9 Rubber sheet. Shall conform to MIL-PRF-15624.

3.2.10 Silicone rubber. Silicone rubber shall conform to class IIA, grade 50 or 60, of A-A-59588, except that the oil immersion test is not applicable.

3.2.11 Silver solder. Silver solder shall conform to class 1 of QQ-B-654.

3.2.11.1 Flux. Flux used while silver soldering shall conform to O-F-499.

3.2.11.2 Soft solder. Soft solder shall conform to composition Sn60 of J-STD-004, J-STD-005 and J-STD-006.

3.2.11.3 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible, provided that the material meets or exceeds the operational and maintenance requirements, and promotes economically advantageous life cycle costs.

3.3 Design and construction. Connectors shall be of the design, construction, and physical dimensions specified (see 3.1). Wherever feasible, parts having similar electrical characteristics may be combined (fabricated as a single piece) to simplify construction. Parts of unlike materials may be combined such as brass and copper beryllium, provided copper beryllium is used in the fabrication of the single-piece construction.

3.3.1 Metal parts. Unless otherwise specified (see 3.1), all metal parts shall have a silver plating of not less than 0.0002 inch thick, of sufficient smoothness and density to withstand the salt-spray (corrosion) test specified in 4.6.4. All other types of plating shall be as specified. (see 3.1). Dimensions of metal parts shall include the plating (see 3.1).

3.3.2 Screw threads. Screw threads shall conform to FED-STD-H28, and shall have the specified fit after plating (see 3.1).

3.3.3 Gage tests for contacts of rubber-insert type.

3.3.4 Center contacts (female). The center contacts shall meet the gage tests specified in 4.6.1.1 as piece parts and 4.6.1.2 in the assembled connector.

3.3.4.1 Outer contacts. The outer contacts shall meet the gage tests specified in 4.6.1.2.2 in the assembled connector.

3.3.4.1.1 Outer contact solder joint. When outer contacts are tested as specified in 4.6.1.3, there shall be no signs of loosening.

3.3.5 Assembly and rotation. When tested as specified in 4.6.1.4, the assembled coupling nuts for electrical plug connectors and connector adapters shall not disengage. In addition, a torque of 0.75 inch-pounds maximum shall rotate the coupling nut, when applied as specified in 4.5.1.4.

3.4 Dielectric withstanding voltage. When connectors are tested as specified in 4.5.2, there shall be no evidence of breakdown.

3.5 Leakage (applicable only to pressurized connectors). When connectors are tested as specified in 4.6.3, there shall be no evidence of loss of pressure as detected by escaping air bubbles.

3.6 Salt spray (corrosion). When connectors are tested as specified in 4.5.4, there shall be no evidence of destructive corrosion or pitting. Destructive corrosion shall be construed as any type of corrosion which in any way interferes with mechanical or electrical performance.

3.7 Marking (see 1.2.2). Connectors shall be marked in accordance with MIL-STD-130, with the type designation and the manufacturer's code symbol. Marking shall be in depressed characters approximately .093 inch high, in the place specified. New marking will be required one year from the date of this specification. Previously marked parts are acceptable for use until stock is purged. (see 3.1).

3.8 Workmanship. Connectors shall be processed in such a manner as to be uniform in quality and shall be free from sharp edges, burrs, and other defects that will affect life, serviceability, or appearance.

3.9 Change affectivity. Unless otherwise specified by the preparing activity and/or the qualifying activity, all changes from the previous revision of MIL-DTL-3607 shall become effective within 90 days of the date of publication of the latest revision. If unable to implement changes within the 90 day time period, additional time shall be requested from the qualifying activity. Manufacturers that are QPL listed and have concerns regarding possible changes to retention reporting requirement should contact the qualifying activity for clarification.

3.10 Disposition of stock. Unless otherwise specified by the qualifying activity and coordinated with the preparing activity, qualified manufacturers and their selling agents

4. VERIFICATION

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

- a. First article inspection (see 4.2).
- b. Conformance inspection (see 4.4).

4.2 First article inspection. The first article inspection shall consist of the inspections specified in subsidiary documents covering the items listed in 4.4 and the inspections specified in table I. Unless otherwise specified in the contract, the first article inspection shall be performed by the contractor.

4.2.1 First article units. The contractor shall furnish twelve (12) first article units of the complete UG-part number.

4.2.2 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 tables	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

4.3 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>Requirement paragraph</u>
Finish	3.6
Marking	3.7

4.4 Conformance inspection.

4.4.1 Inspection of product for delivery. Inspection of product for delivery shall consist of groups A, B and C inspection.

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

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

4.4.1.2.1 Sampling plan (Group A). Table II tests shall be performed on a production lot basis. Samples shall be selected in table II-1. 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 table II-1 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.

4.4.1.2.2 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		4.5.1
Marking	3.7	4.5.1
Workmanship ^{1/}	3.8	4.5.1
Gage tests for contacts(assembled connectors):		
Center contacts (female)	3.3.3.1	4.5.1.2.1
Outer contacts	3.3.3.2	4.5.1.2.2
Dielectric withstanding voltage	3.4	4.5.2

^{1/} Assembly, fit of parts and playing coverage.

TABLE II-1. Sample and lot size.

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

4.4.1.3 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.

4.4.1.3.1 Group B sampling plan. A sample of parts shall be randomly selected in table III-1. 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 table III-1. If one or more defects are found in the second sample, the lot shall be rejected and shall not be supplied to this specification.

4.4.1.3.2 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.

TABLE III. Group B inspection.

Inspection	Requirement paragraph	Inspection paragraph
Subgroup 1 Visual and mechanical examination: Outer contact solder joint Assembly and rotation	3.3.3.2.1 3.3.4	4.5.1 4.5.1.3 4.5.1.4
Subgroup 2 Leakage (applicable only to pressurized connectors)	3.5	4.5.3
Subgroup 3 Visual and mechanical examination: Physical dimensions ^{1/}	3.3	4.5.1

^{1/} Only those dimensions specified (see 3.1), shall be checked.

TABLE III-1. Sample and lot size.

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

4.4.1.4 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.

4.4.1.5 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 inspections.

4.4.1.5.1 Sampling for group C inspection.

4.4.1.5.1.1 Subgroup 1. For this subgroup, six (6) connectors shall be selected from the first units produced or first production lot. Thereafter, for each 500 connectors subsequently produced, piece parts for one sample unit shall be selected.

4.4.1.5.1.1.1 Physical dimensions. To facilitate inspection of the physical dimensions, the un-assembled sample units shall be divided into groups of identical piece parts. Inspection of the physical dimensions shall then be performed on a group-by-group basis.

4.4.1.5.1.2 Subgroup 2. For this subgroup, six (6) connectors shall be selected from the first production lot. For subsequent group C inspection one (1) connector shall be selected every 6 months or every 6,000 units whichever comes first.

4.4.1.5.1.3 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 (unassembled connectors)		
Visual and mechanical examination		4.5.1
Design and construction		
Physical dimensions ^{1/}	3.3	4.5.1
Gage tests for contacts	3.3.3	4.5.1.2
Subgroup 2 (assembled connectors)		
Salt spray (corrosion)	3.6	4.5.4

^{1/} Only those dimensions related to piece parts (other than gage tests for contacts) shall be checked.

4.4.1.5.2 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.

4.4.1.5.3 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.

4.4.1.5.4 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 4.4.1.5.3.

4.5 Methods of examination and test.

4.5.1 Visual and mechanical examination. Connectors shall be examined to verify that the design, construction, physical dimensions, marking and workmanship are in accordance with the applicable requirements. (see 3.1, 3.3 to 3.3.4, incl, 3.7, and 3.8)

4.5.1.1 Gage tests for contacts of rubber-insert type (piece parts)

4.5.1.1.1 Center contacts (female). The center contacts shall be subjected to the gage tests specified in 4.5.1.1.1.1 and 4.5.1.1.1.2, as applicable, prior to assembling the center contact in the connector. The pins used in the performance of these tests may be tapered at their ends to facilitate insertion, but the tapered portions shall not be included in the specified dimensions (see 3.3.3.1).

4.5.1.1.1.1 Test 1. A pin 0.098 inch minimum in diameter shall be inserted into the center contact to a depth of not less than .187 inch, and then removed. All four contact members shall make contact with a pin 0.072 inch maximum in diameter, within 1/32 inch of their tip ends, when this pin is inserted to a minimum depth of 3/16 inch.

4.5.1.1.1.2 Test 2. When a pin 0.082 inch minimum in diameter is inserted to a minimum depth of .25 inch, the contact shall pass through a cylindrical hole 0.128 inch maximum in diameter and ½ inch minimum in length, when a maximum force of 2 pounds is applied. This test shall be applied only to those connectors with removable female contacts.

4.5.1.2 Gage test for contacts of rubber-insert type (assembled connectors).

4.5.1.2.1 Center contacts (female). The center contacts shall accept a pin 0.072 inch diameter, when a minimum force of 1 pound is applied (see 3.3.3.1).

4.5.1.2.2 Outer contacts. The outer contacts assembled to the body shall be subjected to the gage test specified in 4.5.1.2.2.1 And 4.5.1.2.2.2 (see 3.3.3.2).

4.5.1.2.2.1 Test 1. All contact fingers of the outer spring of the plug shall make contact with a ring having a minimum inside diameter of 0.820 inch when this ring is placed over the assembly of the body and spring.

4.5.1.2.2.2 Test 2. The outer contacts shall be inserted into a polished sleeve 0.810 inch maximum in inside diameter to a minimum depth of .437 inch. The contacts shall then disengage from the sleeve when a maximum pressure of 4 pounds is applied.

4.5.1.3 Outer contact solder joint. A withdrawal force of 25 pounds shall be applied to the outer contact. The force shall be applied to and in the direction away from the connector body and along the longitudinal axis (see 3.3.3.2.1).

4.5.1.4 Assembly and rotation. The assembled coupling nut shall be subjected to a force of 100 pounds gradually applied relative to and in a direction from the connector body and along a longitudinal axis. A torque shall then be applied to the coupling nut about the axis of symmetry. The torque shall be measured with a 0-2 inch-pound torque wrench (see 3.3.4).

4.5.2 Dielectric withstanding voltage (see 3.4). Connectors shall be tested in accordance with method 301 of MIL-STD-202. The following details shall apply:

- (a) Special preparations or conditions:
 - 1. The maximum relative humidity shall be 50 percent. When facilities are not available at this test condition, connectors shall be tested at room ambient relative humidity. In case of dispute, if the test has been made at room ambient relative humidity, retest shall be made at 50 percent maximum relative humidity.
 - 2. The center contact of plug connectors and receptacle connectors shall be positioned in such a manner as to simulate actual assembly conditions.
 - 3. Precautions shall be taken to prevent air-gap voltage breakdowns.
 - 4. The voltage shall be metered on the high side of the transformer.
- (b) Magnitude of test voltage – (see 3.1).
- (c) Nature of potential – Alternating current.
- (d) Points of application of test voltage – Between the center contact and the body.

4.5.3 Leakage (applicable only to pressurized connectors). The connectors shall be subjected to a gage pressure of 50 pounds-per-square-inch applied to one end, and the whole connector immersed in water at approximately 20°C. The connector shall remain immersed in water for at least 20 second (see 3.5).

4.5.4 Salt spray (corrosion). Connectors shall be tested in accordance with method 101, test condition B, of MIL-STD-202. At the conclusion of this test, the connectors shall be washed, shaken, air blasted, and then permitted to dry for 24 hours at 40°C. The connectors shall then be examined for evidence of corrosion. (see 3.6).

5. PACKAGING

5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When packaging of materiel is to be performed by DoD or in-house contractor personnel, these personnel need to contact the responsible packaging activity to ascertain packaging requirements. Packaging requirements are maintained by the Inventory Control Point's packaging activities within the Military Service or Defense Agency, or within the military service's system commands. 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 covered by this specification are intended for use in radio frequency applications up to 100 megahertz. They are designed for use with radiofrequency pulse cables. Their use is governed by temperature limitation of materials, and they are not recommended for use in applications where temperatures exceed 125°C.

6.2 Acquisition requirements. Acquisition documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) Packaging requirements (see 5.1).
- (c) Title, number, and date of the applicable specification sheet, and the complete PIN (see 3.1).

6.3 Engineering information. Illustrations and additional engineering information for this series of connectors are available in the Armed Services Index of R. F. Transmission Lines and Fittings, copies of which are available upon request from the Armed Services Electro-Standards Agency (ASESA), Fort Monmouth, N. J.

6.4 Environmentally preferable material. Environmentally preferable materials should be used to the maximum extent possible to meet the requirements of this specification. As of the dating of this document, the U.S. Environmental Protection Agency (EPA) is focusing efforts on reducing 31 priority chemicals. The list of chemicals and additional information is available on their website <http://www.epa.gov/osw/hazard/wastemin/priority.htm>. Included in the EPA list of 31 priority chemicals are cadmium, lead, and mercury. Use of these materials should be minimized or eliminated unless needed to meet the requirements specified herein (see section 3).

6.5 Subject term (key word) listing.

Contact
Marking
Voltage standing wave ratio (VSWR)

6.6 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.

CONCLUDING MATERIAL

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

Preparing activity:
DLA – CC

(Project 5935-2009-215)

Review activities:
Army – AR, MI
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>.