

INCH-POUND
MIL-PRF-19C
AMENDMENT 3
19 June 1998
SUPERSEDING
AMENDMENT 2
24 October 1997

PERFORMANCE SPECIFICATION

RESISTOR, VARIABLE, WIRE-WOUND
(LOW OPERATING TEMPERATURE),
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-PRF-19C, dated 9 November 1994,
and is approved for use by all Departments and Agencies of the
Department of Defense.

PAGE 1

- * Beneficial comment box, delete and substitute:

“
Beneficial comments (recommendation, additions, deletions) and any pertinent data which may be of use in
improving this document should be addressed to: DSCC-VAM, 3990 East Broad Street, Columbus, OH
43213-1199 by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the
end of this document or by letter.
”

PAGE 3

- * Section 2, delete and substitute:

"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 must meet all specified requirements documents 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).

SPECIFICATION

DEPARTMENT OF DEFENSE

(See supplement 1 for list of associated specifications.)

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STANDARDS

DEPARTMENT OF DEFENSE

MIL-STD-202 - Test Methods Standard Electronics and Electrical Components Parts.

HANDBOOKS

FEDERAL

FED-STD-H28 - Screw Thread Standards for Federal Services.

(Unless otherwise indicated, copies of the above specifications, standards, and handbooks are available from the Defense Automated Printing Service, Building 4D (DPM-DODSSP), 700 Robbins Avenue, 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 the documents which are DoD adopted are those listed in the issue of the DoDISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DoDISS are the issues of the documents cited in the solicitation (see 6.2).

AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)

ANSI/NCSL Z540-1 - Calibration Laboratory and Measuring and Test Equipment, General Requirements for.

INTERNATIONAL ORGANIZATION for STANDARDS (ISO)

ISO 10012-1 - Quality Assurance Requirements for Measuring Equipment, Part 1: Meteorological Confirmation System for Measuring Equipment.

(Applications for copies should be addressed to the American National Standards Institute, 11 West 42nd Street New York, NY 10036.)

"2.4 Order of precedence. In event of a conflict between the text of this document and the references cited herein (except for related associated specifications, specification sheets, or MS 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."

PAGE 4

* 3.4.6.1, delete.

PAGE 5

* TABLE V, delete.

PAGE 7

* 3.4.6.1.1, 3.4.6.1.2 and 3.4.7, delete.

* 3.4.10, sixth line, delete "form" and substitute "from".

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4.4.4, delete and substitute:

"4.4.4 Retention of qualification. Every 6 months, the manufacturer shall compile a summary of the results of quality conformance inspections in the form of a retention of qualification report, and forward it to the qualifying activity within 30 days from the end of the reporting period as the basis of continued qualification approval. In addition, the manufacturer shall immediately notify the qualified activity whenever the group B inspection data indicates failure of the qualified product to meet the requirements of the specification. Continuation shall be based on the evidence that over a 6-month period, the following has been met:

- a. The manufacturer has not modified the design of the item.
- b. The specification requirements for the item have not been amended so far as to affect the character of the item.
- c. Lot rejection for group A inspection does not exceed the group A sampling plan.
- d. The requirements for group B inspections are met.

When group B requirements are not met and the manufacturer has taken corrective action satisfactory to the government, group B retesting shall be instituted. A summary of the retesting shall be forwarded to the qualifying activity within 30 days after completion of the retest. All reports are to be certified by a responsible company official and government inspector."

PAGE 16

TABLE XIII, delete.

PAGE 17

4.5.1.4, 4.5.1.4.1, 4.5.1.4.2, 4.5.1.4.3, 4.5.2, delete.

4.6.3a, delete and substitute:

- "a. Measuring apparatus: Different types of measuring test equipment (multimeter, bridges, or equivalent) are permitted to be used on the initial and final readings of this test, provided the equipment is the same style, model, or it can be shown that the performance of the equipment is equivalent. The supplier shall establish and maintain a calibration system in accordance with ANSI/NCSL Z540-1, ISO 10012-1, or equivalent system as approved by the qualifying activity."

PAGE 24

5.1, delete and substitute:

"5.1 Packaging. For acquisition purposes, the packaging requirements shall be as specified in the contract or order (see 6.2). When actual packaging of materiel 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."

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6.3, delete and substitute:

“6.3 Qualification. With respect to products requiring qualification, awards will be made only for products which are, at the time of award of contract, qualified for inclusion in Qualified Products List whether or not such products have actually been so listed by that date. The attention of the contractors is called to these requirements, and manufacturers are urged to arrange to have the products that they propose to offer to the Federal Government tested for qualification in order that they may be eligible to be awarded contracts or orders for the products covered by this specification. The activity responsible for the Qualified Products List and any information pertaining to qualification of products may be obtained from the Defense Supply Center, Columbus, ATTN: DSCC-VQP, 3990 East Broad Street, Columbus, OH 43213.”

The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment 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 amendment.

Custodians:
Army - CR
Navy - EC
Air Force - 85

Preparing activity:
DLA - CC

(Project 5905 -1543)

Review activities:
Army - AR, AT, AV, CR4, MI
Navy - AS, CG, MC, OS
Air Force - 17, 19